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NG STORIES

Vol. 2 No. 5 August, 1927

OFFICERAL & SENERAL SPRINGS: 100 FRO Am., See You Clifermout Pro 5 Conduct Tree S W Belles See S AWAZING STREET, SAGIO LITTREET BUILD

Contents for August The War of the Worlds Ry H G Walls

By Julian Hunley... The Retreat to Mary

Electro-Enjanded in A D 2025

The Ultra-Elixie of Youth

The Chemical Magnet Hicks' Inventions With a Kirk

The Shadow on the Snork

Our Cones

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In Our Next Issue: THE RADIO GHOST, by One Adelbert King

THE WINGED DOOM, by Kenneth Gibert

del be formed as our national measures. We simply flushous this to show that the size of petralying busses beings is, after all, not so-invisited of THE WAR OF THE WORLDS, by H. G.

provinced at month polymer has recent field a road for this lays and DEC EXPERIENCES of free advantages a recent in a control than it is not control to make any one of the control to the control of the control to make any and entry you on any of the control of the CHARLES OF ALEXANDER OF THE CONTROL OF THE CONTROL OF CHARLES OF ALEXANDER OF THE IN THE CONTROL OF THE CONTROL OF A 12 In 20 In the control metric or water to a place to the control of the control of the control metric or water to a place to the control of the control of the control metric or water to a place to the control of the

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"Why Hasn't Someone Thought of That

Before---?"

THUS asks a reader who has just made the acquisitance of Modern Story Magazine, the new magazine devoted exclusively to modern youth. "A magazine that actually is 'of, but of the modern youth' thrills me to pieces!" writes this El Paso, Texas, girl. "Why hants' ismoone thought of that before? It deems to me that there is a great need, a crying demand, for just such a magazine."*

LEST is be thought that only the fair sex has taken to be ideal behind Modern Story, we have no quote from a chap in Chicago: "It indeed was a formante circumstace which led me the nearestand where I got my first copy of Modern Story Magazine. I had started out looking for a copy of sundern magazine that started out looking for a copy of sundern magazine that started out looking for a copy of sundern magazine that started out looking for a copy of sundern magazine that started out looking for a copy of sundern magazine that started out looking for a copy of sundern started that started the copy of t

W HAT is it about this new magazine that has so captured the imagination of modern youth? It must be fresh and different; it must offer them something that no other publication does. Nothing else will explain the enthusiasm aroused by its appearance, and its steadily mounting circulation.

PERHAPS you, too, have been looking for just such a magazine, but have not known that it exists. If you like real stories of the present moment, stories that plumb the manifold phases of modern life and love, you are certain to like Modern Story Magazine. It's a outstra copy at all newstands. Get rower today!

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MODERN STORY MAGAZINE

423 West 55th Street New York City

 The original letters from which there extracts me quoted, as well as scores of other letters from readers, may be seen at our



THE MAGAZINE



WILBUR C. WHITEHEAD, Literary Editor DR. T. O'CONOR SLOANE, Ph.D.: Associate Editor C. A. BRANDT, Literary Editor

risk and General Offices: 220 Fifth Avecus, New York, N. Y. Cold Fact Tomore xtravagant Fiction Today

A DIFFERENT STORY

While the experimental period is over, and the mayet to be covered. For one thing, the magazine is not yet on a paying basis, notwithstanding the fact that 150,000 copies are printed monthly. The ex-I believe you will appreciate a frank talk of this

Please send copies of AMAZING Sports to MANY Edward Roots

CHY on STATE BUTOTA, Illinois

HIME Mrs Ralph Keene

summer on Clark Arter

publishers. It is with this thought in mind that I ire! I am not expecting too much when I ask that

print 150,000 magazines, that does not mean that sold are paid for. Those that are not sold are returned for credit. It is my idea, then, to send these ed with it and become steady readers. We believe like to have only the names of such of your friends you think, might be interested in Amazing Screene by synding us good prospects and then let the magto mutilate the magazine, just copy the blank and send it to us properly filled in. A copy of the magasine will then be sent free, to your friends.

MAN Harold Rogers

NAME RAYMOND WILMARTA ADDRESS 56/ Simms Street CITY HIS STATE BUY.

Mr. Hone Germback marris away Monday or 0 D. M. from WDNV on workers extend

The WAR of the WORLDS By H. G. Wells

uthor of "Under the Knife," "The Time Machine,



There who have some area a being Northe one accords here; the forestand quiredge of this magni, the Gargan proposes the third of the forestand quiredge of the magnitude of the control of the parties of the desired of the control of the parties of the desired of the control of the parties of the desired of the control of

their affairs they were scratinized and studied. scope might constinue the translest creatures that nite complacency men went to and fro over this globe about their little affairs, serene in their assur-

No one gave a thought to the older worlds of space as sources of human danger, or thought of them possible or improbable. It is carlons to recall some of the mental habits of those departed days. At

men upon Mars, perhaps inferior to themselves and

agross the gulf of smace. garded this earth with envious eyes, and slowly and surely drew their

plans against us. And early an the twentieth The planet Mars,

this earth coased to be molton, life upon its surface

Yet so vain is man, and so blinded by his varity. century, expressed any idea that intelligent life stand that since Mars is older than our earth, with scarcely a quarter of the superficial area, and renot only more distant from life's beginning but The recular cooling that must some day overtake our planet has already gons far indeed with our neighbor. Its physical condition is still largely a

mystery, but we know now that even in its equatorial region the midday temperature barely arproaches that of our coldest winter. Its air is much about either pole, and pariodically inundate its tem to us is still incredibly remote, has become a present-day problem for the inhabitants of Mars. The

moter from the sun, it necessarily follows that it is

ments and intelligences such as we have scarcely 35,000,010 of miles sunward of them, a morning regetation and gray with water, with a cloudy at marrhere elegant of fertility, with elliproces. through its drifting cloud-wispe of broad stretches of populous country and

OF all the stories that H. G. Wells wents, corkats tene has become so justly famous as "The Wor of the Worlds" In this cissue, one of the first great Mar-And we men, the creatures who inhabit this earth, must be to them at

least as affen and lowly as are the monkeys and lamors to us. The intellectual side of wan al existence, and it would seem that this too is the Wells has often been condemned become of his pibelief of the winds upon Mare. Their world is far gone in its cooling, and this world is still enoughed with life, but crowded only with what they re

> generation creeps upon And before we ludge of there too becally we

must remember what ruthless and otter destruction our own species has wrought, not only upon animals, of their human likeness, were entirely swept out of

we such specifies of mercy as to complein if the Martians warred in the same spirit! learning is evidently far in excess of corn-ord to

424 AMAZING STORIES nich perfect unanimity. Had our instruments per- of vacancy in which the dust of the material uni-

that for countless centuries Mars has been the star of war—but failed to interpret the fluctuating aspearances of the markings they respect so well. All that time the Martians must have been getting ready.

DURING the opposition of 1804, a great light

DURING the opposition of 1896, a great light was seen on the illuminated part of the sky, first at the Lick Observatory, then by Perrotin of Nice, and than by other observers. English realizes heard of it first in the issue of Noture dated August 2. I am inclined to thisk that the appearance may have been the casting of the burse yun, the wait pit sunk into thair plants, from which their shots were dired at us. Peculiar marburgs, as yet unexplained, were seen most the after of that outbreak during the

ment two oppositions.
The storm issues upon us the years ago now. As
Mars approached opposition, Lawels of Joses set the
writes of the astronomial enhance politication with
the amosting intelligence of a long-outlinesk of the
considered tags upon the placet. It had occurred
towards midnight of the till, and the spectrostree,
to which he had selfer hydromer, anothing with an
essermous woodly towards this certh. This yet of
the had been trained in a quarter past.

motionly and valently aquived out of the plant, "as furning are ruckes out of a gen."

A singularly appropriate phrase if genvel. Net the next day there was ruling of this in the papers, except a little rote in the Delay Telegraph, and the world wort in burntanes of soin of the general date, see that ever threatened the human race. I wilder not have based of the except that all half in the condense of the complete at all half in the condense that the condense of the temperature of the except of the except of the except of the feetings inwisted one up to take a true.

In spite of all that has happened sizes, I still remarked that vigil way distinctly the links and member that vigil way distinctly the links and a fastle given upon the door in the corner, the study citizen of the advanced of the interest, the study citizen of the advanced of the interest, the study citizen of the advanced of the corner of the data dreshed arress it. Opinly moved shout, its testish but annihis. Leading through the bistones, plant swinning up the fall, it seems of such a lift thin, so bright more of the control of the corner of the large citizen of the control of the corner of the large citizen of the corner of the corner of the corner of the porter round. But no title it was, so there were, a pine has of faith it was not if it quivered

with the activity of the dockwork that kept the planet in view.

As I watched, the little star seemed to grow larger and smaller, and to advance and recede, but it was simply because my eye was tired. Forty mil-

sees of empty space. You know how that blackees ill. lebels on a frestly shright highe. In a belonging it seems far proforméer. And travishie to me, because it was no remete and email, frieng writing and standily towards me arrest that here albed distance, defending owner every minute by or many thereundle, of emblac, came the Thing they were senting on, the real section of the contract of the c

Near It in the field, I remember, were three little

that susering missile.

That night, too, there was another jetting sot of gas from the distant plants. I saw it. A reddish into a time to the size of the size of

way to the cutth from Mars, just a second or seunder twenty-from braws after the first one. If remember how I cut on the table there in the blockness, with patients of green and crimate retireming before my eyes. I wished I had a light to same below the control of the control of the control of the Order was the control of the control of the Order was the control of the control of the Down below in the dathcome were Ottershow and Cacettow, and all their bunders of people, stepuing

He was full of specialities that night about the secondition of Mara, and sectified at the vulger rides of the the baving inhabitants who were algorithm as. His day was that enterorise milight be falling in a heavy full of the second of the second of the second points was in progress. He pointed out to me how unlikely it was that organic evisition had taken ing the same direction in the two adjacent shirest, in the same direction in the two adjacent shirest.

Hardreis of observers user the fines that sights and the night after, and an finishing, and agin in the night after, and as for the nights, a flame sock of the sight after, and as for the night, by the shots count of the then the control of the sight after, and as for the night, by the shots count of the state of the sight of the sight after the sight of the sight of

of the planet's atmosphere, and obscured its more familiar features.

Even the daily papers woke up to the disturbance at host, and popular soits appeared here, there and everywhere concerning the volumes upon Mars. The serio-comic periodical Puriet. I renormer, make

ow and everywhere concerning the out. The serie-comic periodical Purce is a happy use of it in the political the manufactured there wiseling the transported there. men could go about their petty concerns as they securing a new photograph of the planet for the

One night (the first missile then could scarcely the Signs of the Zodine to her, and pointed out

Mars, a bright dot of light creoping senithward ing and playing music. There were lights in the

CHAPTERIL

THEN came the night of the first falling star

I was at home at that hour and writing in my study, and although my French windows face toself heard nothing of that. Many people in Barkshire, Surrey, and Middlesex must have seen the meteorite had descended. No one seems to have troubled to look for the fallen mass that night.

iween Hornell, Ottorthaw and Woking, rose early

The Thing itself lay almost entirely havind in sand, amidst the scattered spinters of a fir-tree it had abjurred to fragments in its descent. The undun-colored incrustation. It had a diameter of about the size and more so at the shape, since most motehowever, still so hot from its flight through the air ing of its surface; for at that time it had not oc-

away. The beather was on fire enetward, and a thin

curred to him that it might be hollow. He remained standing at the edge of the pit that appearance, astonished chiefly at its unusual abure dences of design in its arrival. The early morning was wonderfully still, and the san, just descine the He did not remember bearing any hirds that moreonly sounds were the faint movements from within

Then suddenly he noticed with a start that some of the gray clinker, the ashy incrustation that covcame off and fell with a charp noise that brought meant, and, although the heat was excessive, he clambered down into the pit close to the bulk to

but what disturbed that idea was the fact that the And then he perceived that, very slowly, the girrefer for of the relinfer was rotating on its body. able of the circumference. Even then be sourcely forward an inch or so. Then the thing come upon him in a flash. The cylinder was artificial-hollow -with an end that scrawed out! Something within

"Good heavens?" said Ogfley. "There's a man in it-men in it! Helf reested to death! Trying to escape?" At care, with a quick mental leap, he linked the

thing with a finsh upon Mara.

THE thought of the commerciate heat, and dreadful to him that he forgot the heat, and THE thought of the confined creature was so luckily the dull radiation arrested him before he rould burn his hands on the still clowater metal

At that he stood irrosolute for a moment, then

somewhere about air o'clock. He met a weavoner told, and his appearance, were so wild-his hat had Horsell Bridge. The fellow thought he was a luzatic at large, and made on unvaccessful attempt to formulated to bis conden be retted over the religious

"Henderson," he called, "you saw that shorting "Well?" said Henderson

"It's out on Horshell Common now." "Good Lord?" said Handerson. "Pallen meteorite! That's good.

"But it's something more than a meteorite. It's something inside. Henderson stood up with his speds in his hand "What's that?" he said. He is deaf in one car.

Oelbey told kim all that he had seen. Henderson was a misute or so taking it in. Then be dropped his spade, anatched at his inclot, and come out into the read. The two men harried back at once to the carse position. But now the sounds isside had cented, and a thin circle of bright metal showed was either entering or escaping at the rim with a

They listered, rapped on the scale with a stick, Of course the two were quite unable to do any west off back to the town arain to get help. One station at once, in order to telegraph the news to

London. The newspaper articles had prepared see the "dead men from Mars." That was the form paper hey, about a quarter to nize, when I went out

CHAPTER III On Horsell Common

shaw bridge to the sand-pite.

FOUND a little record of perhaps twenty people surrounding the huge hole in which the crifoder lay. I have already described the amount. ance of that columnal bulk, imbedded in the syvend by a sudden coulosies. No doubt its impact had caused a flash of fire. Henderson and Onllys were breakfest at Henderson's house. There were four or five hove sitting on the edge of the pit, with their feet dangling, and arraning

thereasless until I stonged them by thresring stones at the giant mass. After I had spoken to them about it, they began playing at "touch" in and Among those were a courie of cuelists, a jobbine

tomed to hang about the railway station. There ical ideas in these days. Most of them were staring quietly at the hig inble-like end of the cylinder, it. I feary the popular expectation of a been of bulk. Some went away while I was there, and other people come. I slambered into the nit and It was only when I got thus close to it that the strangeness of this object was at all evident to me.

then an overturned carriage or a tree blown nerosa the road. Not so much so, indeed. It looked like a

in the world. It recuired a certain amount of scientific education to perceive that the gray scale of lid and the cylinder had an unfamiliar has, "Extraterrestrial" had no meaning for most of the on-At that time it was quite clear in my own mind I judged it improbable that it contained any living greature. I thought the unscreening might be sutodifficulties in translation that might arise, whether

Yet it was a little too large for assgrance on this idea. I felt an impatience to see it corned. About I found it difficult to got to work mon my abstract In the afternoon the appearance of the common had altered were much. The early selitions of the

"A MUSUAGE RECEIVED FROM MARS!" "REMARKABLE STORY PROF. WONTED."

beadines.

and so forth. In addition, Orithrin wire to the Au-There were half a dozen cales or more from the Welling station standing in the road by the sand. pits, a basket chains from Chubbam and a rather lordly earriage. Besides that, there was quite a heap of bicycles. In addition, a large number of

gaily dressed ladies among the others. breath of wind, and the only shadow was that of the few contered nuc-trees. The burning heather and still giving off vertical streamers of smoke. An

Going to the edge of the pit, I found it occupied

was giving directions in a clear, high-pitched voice. evidently much cooler; his face was releason and

A large portion of the cylinder had been uncover-

The prowing growd, he said, was becoming a serious impediment to their excavations, especially the boys. They wanted a light railing put un, and faint stirring was occasionally still audible within

the case, but that the workmen had failed to unscrew the ton, as it affected no grip to them. The case appeared to be exermensly thick, and it was

I was very glad to do as he asked, and so become by the six o'clock train from Waterloo; and as it

CHAPTER IV The Cylinder Unscrews

Washing. Sentered groups were sun-from the direction of Woking, and one or from the direction. The growd about the two persons were returning. The crowd about the perbans. There were a number of voicee raised, and some sort of struggle appeared to be going on

"Keep back! Keep back!" "It's a movin'," he said to me as he passed-"sacressin' and a serrouta' out. I don't like it. I'm a-

"He's fallen in the pet!" cried someone. The crowd awayed a little, and I albowed my way through. Everyone seemed greatly extited. I heard

should think, two or three hundred pomie sibowing

"Kran back!" said saversi.

I saw a young man, a abon assistant in Woking

to acramble out of the hole again. The crowd had The end of the cylinder was being ecrewed out incled. Somebody blundered against me, and I par-

screw. I turned, and as I did so the screw must the gravel with a ringing concussion. I stuck my allow into the person bekind me, and turned my head towards the Thing again. For a moment that circular cavity seamed perfectly black. I had the I think everyone expected to see a man ourserspossibly something a little unlike us terrestrial men,

but in all essentials a men. I know I did. But. looking, I presently saw comething stirring within the shadow--gravish billowy mayements, one above enother, and then two luminous diers like even Then symething resembling a little suske, about the writhing middle, and wriggled in the air to-A sudden chill came over me. There was a loud shrick from a wuman behind. I half turned, loon-

ing my eyes fixed open the cylinder etill, from which other tentacles were now projecting, and beour realities very way back from the color of the pit. I saw astonishment giving place to horror on eral movement backward. I saw the shorman struggling still on the edge of the pit. I found myself alone, and saw the necole on the other side of the pit running off, Stent among them. I looked

again at the evilinder, and ungoversable terror gripped me. I stood petrified and staring, A big gravish, rounded bulk, the size, perhaps, of cylinder. As it bulged up and caught the light, it

efficienced like wet leather. Two large dark-colored eyes were regarding me steadfastly. It was rounded, and had, one might say, a face. There was a mouth under the eyes, the lipleas brim of which outvered and nanted, and dropped sollies, The body heaved and pulsated convulsively. A lank tentacular amorpiase orthood the edge of the cylin-

der, another swayed in the sir. Those who have naver seen a living Martian can

penrance. The peruliar V-shaped mouth with its shymne of a chin beneath, the wedge-like lower lip, -referented in an offset skin to name. Therefirst accounter, this first shurper, I was overcome

STREET, the mouster vanished It had SUDDENLY the meaner to the brim of the sylinder and fallen mass of leather. I heard it give a possilar thick turned and, running madly, made for the first

There, among some young pine-trees and furns bushes, I storged, penting, and waited further derelamments. The expression record the sand-rate was rather, at the heaped gravel at the ofge of the pit ror, I saw a round, block object bobbing up and down on the edge of the pit. It was the head of he seemed to slip back until only his head was

Everything was then quite invisible, hidden by road from Chabbers or Woking would have been that in short, excited abouts, and staring, staring per-beer stood, a queer devolict, black against the burning sky, and in the sand-pits was a row of

CHARSER W The Mant Paul

A FTRR the glimpse I had had on the shick they emerging from the cylinder in which they had come to the earth from their planet, a FTRR the elimnas I had had of the Mortlans. I did not dare to go beck toward the nit, but I felt a passionate brodne to near into it. I began walking, therefore, in a big curve, seeking some mediately withdrawn, and afterwards a thin red Most of the impetators had suthered in one or

I did not know his name-and accosted." What note Amiles II he and Wood God I what

commony. Then I shifted my position to a little

The spread faded to turlibekt before anything further homested. The crossed for sever on the now a faint nigroup from it. The little least of

portis towards Chobbam dispersed. There was It was this, so much as anything, that gave people courses, and I suppose the new arrivals functed a faint shrick had reached me. I had a verse, alap, watch, and advance naulo, spreading

Then I saw some cultures and others had walked

by approaching them with nignals, that we, too, Flatter, Setter, went the flag, first to the right,

this attempt at experientiation. This little events circumfamore of the new almost complete circle Suddenly there was a flash of light, and a quantity of laminous greenish emoke come out of the pst at three distinct puffs, which drow up, one after the other, straight into the still air.

after the other, straight into the still air.

This anake (or fame, perhaps, would be the better word for it) was so bright that the deep blue sky overhead, and the hazy stretches of brown common towards (Sherbey, set with black pinetres, seemed to darken abruptly as these paffs

arose, and to remain the darker after their dispersal. At the same time a faint bissing sound became suiffile.

BEYOND the pit stood the little wedge of people, with the white flag at the apex, arrested by

black chapes upon the black ground. An the green black chapes upon the black ground. An the green smake rose, their faces flathed out pulled green, and fided again as it vanished. Then slowly the binding passed into a humming, fifte a leng, load, dreading noise. Slowb's a hummed

of light secured to flicker out from it.

Forthwith flashes of actual firms, a bright giare leaping from one to another, sprang from the contered group of men. It was as if some invisities introduced unou them and flashed into white the fundament unous them and flashed into white

tered group of men. It was as it some invasing jet intringed upon them and fished into white firme. It was as if each man were suchially and momentarily turned to fire. Then, by the light of their own destruction. I new them dispersion and failling, and their num-

porture furning to rin.
I stood storing, not as yet realizing that this was death leading from man to man in that little distant crowd. All I felt was that it was semi-thing strangs. An almost noiseless and blinding finds of light, and a man fell headings and has still, and as the unseen shaft of best passed over them, noise-frees hours into fire, and every dis-

Farmer. And fir newly lowesth bidgitt! I shall make the light of the l

nea. Forthwith the hissing and humming cease, and the black, down-like object and along out of sight into the pit.

All this had happened with such swiftness that I had stood meltindees, dumfounded and dazzied by the fashies of light. Had that death sweet three had not been a full circle, it must inevitably have sixtn me in my surprise. But it passed and seared me. In

come out sharp and blook against the weetern aftergive. The Maritana and their appliances were altogether invasible, serve fee that thin must upon which taker restores where worklads. Fathane of and glowed still, and the houses lowards Wolking Station were samifing up oppies of fature into the stillness of the sevening size. Station were samifing up oppies of fature into the stillness of the sevening size. The sevening size of the size is serviced actional state of the sevening of these speeds with the flag of wittle had been everyt out of existence, and the tillness or the everings, so it executed

was still a pale, bright, almost greenish blue. The

tence, and the stillness of the creating, so it seemed to me, had converly been broken. It came to me that I was upon this dark common, helpless, unprotected and slone. Suddenly like a thing falling upon me from without came— Four.

Fear.
With an effort I turned and began a stumbling run through the beather.
The fear I felt was no rational fear but a panic terror, not only of the Martinus, but of the dusk

and stillness off obcot me. Such an extraordinary effect in unmanuture me it but that I ran weeping silently as a child neight do. Once I had turned, I did not done to look back. I remember I felt an extraordinary persuasion

I remember I ben an extraordinary persuasion that I was being played with, that presently, when I was upon the very verge of anfety, this mystericost death—as swift as the passage of light—would leap after me from the pdt about the cylinder, and strale me down.

> CHAPTER VI The Heat-Ray in the Chobham Road

It is still a matter of worder how the Martinas for each do is day, mere as worthy and on eigenful.

Blury thick that in soon way-they are allo to have been a support that the in soon way-they are allo to have been a support that the support of a polished parameter between the means of a polished parameter of a lightly soon paper, as beans of lightly and the support of the suppo

That night meanly forty people by under the straight about the pit, charred and distorted beyoud recognition, and sill night long the common from Horsell to Haybury was deserted, and brightly abbase.

brightly ablase.
The news of the massacre probably reached Chohham, Wolding, and Ottershaw about the same

tracely haycered, and a number of neeple, shoppeople and to forth, attracted by the stores they bed beard, were valleng over Hernell Reidge and shape the real between the shepts that run out at last upon the centrum. You may imagine the young people brashed up after the labers of the day, and making this meetity, as they would make any rowlly, the access few sulfant teachers and enjoying a titvial filtration. You may future to yourself the bare of vedex slong the road in the

one teles, and previous the formed as possible to contain the analysts, and the surve-correct very no doubt, he analysts, and the surve-correct very no doubt, acco infected by the entilensus of the consider. By half part eight, when the Depostation was destroyed, there may have been a crowd of \$00 people or more at this place, bedied strose who hald with the resid to approach the Martines movers. There manned, doing their best, online interestions from Reset, to keep the people back and deter these from approaching the spillater. There was some booking approaching the spillater. There was some booking

Sierd and Optity, anticipating some possibilities of a cellism, but biographed from Horsel to the bourcade as some as the Markinse concept, for the biometer consequence of the project these thereon consequence of the project these values of the second of the second of the cellism of values of the second of the second of the cellism of the second of their dash, so it was seen by the crowd, talkins very classly with my own ingressions; the three pulls of green marks, be deep humming made, and the fashes of the second of the second of the humming made, and the fashes of the second of th

But that crewed of people had a for narrower conquest than sinc. Only the fast that a harmonick compact than sinc. Only the fast that a harmonick of hatthey axed interested the lower part of the probability of the since the since the since the procould have fixed to still the tide. They now the could have fixed to still the tide. They now the threath the tellificht. Then, with a wheeling note through the tellificht. Then, with a wheeling note course give even the threath, fixed the temp of the break-trees that line the read, and splitting the times, annahung the ordors, farging the widnlow-

In the sudden third, blue and glare of the igniting trees, the penic-atricken crowd seems to have swaped healthingly for some moments. Sparks and kurshry twigs began to fall into the road, and share ilse meta of flows. He

and dresses eaught fire. Then come a crying from the currows.

There were shricks and chouts, and suddenly a mounted, policeman came galleging through the "They coming!" a young shristed, and incontinuity veryes was tentile; and pushing at those behing in order to clear that way to Waking again. They must have bothed as bliefly as a fack of sheap. Where the road grows narrow and thick between the high basis the crewd jurnal and a desparate struggle occurred. All that crowd did not essayed three persons of least, two waren and as fittle bay, were couled and transpet there and left to de amount to the crew and the distress.

How I Reached Home

ROR my own part, I remember nothing of my flight except the strees of blandering against trees and stumbing through the basher. All about me gathered the lavylathe extrems of the Rarichau; that pittless award of neat sommed whirling to and fro, flourishing overhead before it descended and ameter me out of life, I came into the read be-

this to the creat-result.

At last I ends go no further; I was exhausted with the violence of my exection and of my flight, and I staggered and fell by the wayside. That was near the bridge that crosses the cased by the gasworks. I fell and law with.

Vorks. I fell and lay still.

I must have remained there some time.

I sat up, strangely perplexed. For a :

perhap. I read for theiry understand love I tome there. My terror had false from no like a garnated. My hat had goos, and my cofter had brest had controlled the perhaps of the second controlled colly been there and things before non-the immensity of the hight and space and nature, and one fell-freet and marginal, and the ser approximtion of the second collection of the second nature, and the point of their alternal already. There was no neutral transfer free me can be of the second to the second collection of the second collection. I was tumediately the self-of energy common, be supplied of my dight, the sturling common, the impact of my dight, the sturling

had there better things leaked huppened. I could not credit IV.

I cote and walked unitedally up the steep lattice of the bridge. My must was blank worder. My marches and nerves seemed drukted of their attenuith. I dare say I staggered druktely a head one over the arch, and the figure of a workmin carrying a laketst appassed. Detto him retinuted the steep of the steep of the steep algebt. I was mixed to speak to him, and did algebt. I was mixed to speak to him, and did not a marchest of the steep of the steep of the steep architectured the steep of the steep architectured the steep of the ste

a little bay. He panned me, wishing me prodnight. I was minded to speak to him, and did not. I answered also greeting with a meaningines of the manner of the product of the second Over the Maybray arch a train, a hillowing tensis of white, freitle manke, and a long caterpillar of lighted windows, went flying south: clatter, clotter, tags, rap, and it had pane. A dim

group of people taited in the gate of one of the houses in the pretty little rew of gallies that was railed Oriental Turrow. It was all so real and so familier. And that behind no! It was frantle, funtatite! Such thisses, I told myord, could no

THE WAR OF THE WORLDS

do not know how far my experience is common. where inconceivably remote, out of time, out of

feeling was very strong upon me that night. Here was another side to my dream.

two miles away. There was a poise of business

alight. I stopped at the group of people.

"What news from the common?" said I

There were two men and a woman at the gata.

"Kh?" said one of the men, turning,

"What news from the common?" I said. "Ain't ver just here there?" saked the mun.

"People neen fair silly about the common," said the woman over the gate. "What's it all abort?"

"Haven't you heard of the men from Mars?" said I. "The creatures from Mars!" "Quite coough," said the woman over the gate. "Thenks:" and all three of them laughed

could not tell them what I had soon. They laughed

"You'll hear more yet," I said, and went on to

STARTLED my wife at the decreasy, so keeperd was I. I went into the dining-room, sat down

myself sufficiently told her the things I had seen served, and remained neglected on the table while

"There is one thing," I cald to allay the fears I had around. "They are the most stuertch things, I ever new crawt. They may keep the pit and kill pecule who come near them, but they cannot got

out of it. . . . But the horror of them!" "Don't, dear!" said my wife, knitting her brown

"Poor Ogfby?" I said. "To think he may be My wife at least did not find my experience in-

gradible. When I saw how deadly white her face. "They may come here," she said again and again.

I pressed her to take wise, and tried to reassure "They can scarcely more," I said

all that Orilyy had told me of the impossibility of the Martians establishing themselves on the earth culty. On the surface of the earth the force of gravity is three times what it is on the surface of Mars. A Martison, therefore, would weigh three times more than on Mars, after his muscular strength would be the same. His own body would be a cope of land to him, therefore. That indeed was the general opinion. Both the Fisce and the

turns far more oxygen or far less notrogen (whichinvigorating influences of this excess of oxygen

erbelance the increased weight of their bodies. that such mechanical intelligence as the Martian possessed was quite able to dispense with muscu-But I did not consider these points at the time.

of the invoders. With wine and food, the confi-

suring my wife, I gryw, by insensible degrees, "They have done a foolish thing," said I, finger-

ing my wineclass. "They are dangerous, because no doubt they are mad with terror. Perhaps they

telligent living things. A shell in the reit," said I

"If the worst comes to the worst, will kill them all." The intense excitement of the events had no doubt left my percentive powers in a state of crethism. I remember that dispersiable with extracedingry vividuess even now. My dear wife's

class table furniture—for in those days even philosophical writers had many little luxuries—the note with a clearatte, regretting Guiley's reshress, and denouncing the short-sighted timidity of the

So some respectable dade in the Mageltius might have lorded it in his nest, and discussed the aranimal food. "We will neck them to death to-

I did not know it, but that was the last civilland

CHAPTER VIII Priday Night

THE most extraordingry thing to my mind. happened upon that Friday, was the dovetailing of the commungace habits of our nortal order with the first beginnings of the series of exercis that was to toursle that social order headlong. If on Priday night you had taken a pair of compasses and drawn a circle with a radius of five miles round the Woking sand-pits. I doubt it unless it was some relation of Stent or of the three or four cyclists or London people who has dead on the corumon, whose emetions or habits were not at all affected by the new-corners. Mass people had heard of the cylinder, of course, and

In London that night poor Henderson's telegram

not make the separation an ultimatum to Germany Dully Telegroph, for instance, insisted on it the

Within the five-rolle circle even the great mascribed the behaviour of the men and women to

eating, drinking, sleeping, went on as it had done for countless years- as though no planet Mara existed in the sky. Even at Woking Station and In Woking Junction, until a late bour, trains

on the sodings, passengers were alighting and wait erdinary way. A how from town, trenching or Smith's monopoly, was selling papers with the afternoon's news. The ringing and impact of trucks, the sharp wheatle of the engines from the junction, mangled with his shouts of "Men from nue o'clock, with incredible tidings, and caused no People rattling Londonwards peered into the darkness outside the carriage windows and naw only nothing more serious than a boath fire was hapthat are disturbance was percentible. There were half a doesn wilks burning on the Woking border,

awake till dawn A currous crowd limetred restlessly, people outing and oning but the ground remaining, both on the Chobbam and Horsell bridges. One or two advecturous souls, it was afterwards found, went into the darkness and crawled quots near the Martians, but they never returned, for new and senin

common was effect and desolate, and the charred all the pect day. A noise of hammering from the

O you have the state of things on Priday night. So you have the state or thought as der. But the poison was sesreely working yet ing in places, and with a few dark, dimbreren

fringe the inflammation had not crept as yet. In as it had flowed for immemorial years. The favor All night long the Martistas were haramering

About eleven a company of soldiers came through mon to form a cordon. Lister a second company be missing. The Colonel of the regiment came to

the Chobkem bridge, and was busy questioning the crowd at midnight. The military authorities ness. About eleven, the next merang's paper were able to say, a squadren of hussars, two A few seconds after midnight the crowd in the

The Fighting Begins

ATURDAY lives to my memory as a day of suspense. It was a day of bassitude too, hot and closs, with I am told, a rapbile factusting harometer. I had slept but little, though my listering, but towards the common there was noth-

The militan came as usual. I heard the rettle and that guns were expected. Ther, a femiliar

"They aren't to be killed," said the milkman, "if I naw we neighbor gardening, chatted with him

was a most unexceptional morning. My naichbor capture or to destroy the Martians during the day "Te's a with their make themselves on treammonths." able," he said. "It would be curious to learn how

He same up to the ferre and extended a handful

Byfiest Golf Links.
"They say," said he, "that there's another of those blessed things fallen there—number two. But

THE WAR OF THE WORLDS

He integred with an lar of the greatest good-manys as he sold them. The woods, he sold, were still burning, and pointed out a hase of combs to me. They will be but under for the days on account of the thick soil of pine-needles and turt," he sold, and then green sections over "nor offlity".

After breakfast, instead of working, I decided to walk down towards the common.

is with from towards the common. Under the subsects of the Total a group of siniteness, and subsects of the Total a group of siniteness, and sinite standards and showing that the addit, justice standards and showing that the addit, they have been a subsect of the sinite standards and the kilding show the sinite standards are sinitely assessed to the College on an interest sensitial them, of any sight of the Meritane, and sinitely sinitely expected the sinitely sinitely sinitely sinitely sinitely expected the sinitely sinitely sinitely sinitely sinitely they pilet me with questions. They said that they the sinitely sinitely sinitely sinitely sinitely sinitely of an sinitely sinitely sinitely sinitely sinitely sinitely at the times Ginele. The originary supper is a trial times Ginele. The originary supper is a real field latter colorated has the common

or the discussion was a man as an after bear to structure therebys.

"Orast up under cover and rush 'en, say la' said on;

"Grad up under cover and rush 'en, say la' said on;

"Grid shi" said souther. ""Not's Cover against this 'ere 'est'. Bitide to only yet! What we got to do is to go as seen as the ground!! He tu, and the drive a termin!"

you ought to ha' been been a rablet, Satppy,"
"Ain't they got any necks, then?" and a third
shruptly—a little, contemplative, dark man, amoking a pipe
I repeated my description.

"Ortopose," said ha, "that's what I calls 'em.
Talk about tabers of men-fighters of fish it is
this time!"
"It shi't no murder killing beasts like that," said

"Why not shell the darn things strite off and finish 'em?" said the little dark man. "You carn't tell what they might do " "Where's your shell?" said the first speaker. "There slink no time. But it is a rock that's now

"Where's your shelle?" said the first speaker.
"There sin't no time. Do it in a rush, that's my
tily, and do it at once."
So they discussed it. After a while I left them,
and went on to the railway-station to get as many

morning sapers as I could.

But I will not wanty the reader with a decertption of that long marriag and of the langue after.

Doen. I did not succeed in getting a glumpe of the common, for even Hersell and Chrisham church towers were in the hands of the military authorities. The moldiers I addressed defit know anything: the offers were recentives as well as here-

soldiers had made the people on the outsiders of Hersell lock up and leave their houses.

I GOT back to leach about two, very tired, for, as I have said, the day was externely but and dull, and in sedar to refresh payed? I took a cold

I found people to the town quite secure again to

sals in the afternoon. About half past four I went before the survivage before the strength of the the thought of the survivage that the strength of the strength taxocrasts description of the killing of Steat, Hen the survivage that the survivage that the survivage that an inch of therefore. Tay some long on the survivage on inch of therefore, Tay some long or the survivage that the survivage that the survivage of the survivage that the survivage

I wast confect the sight of all this arranged, all this preparation, resulty conicion on. My manlatation became belligeness, and defeated the insoders in a doness attribute grows; consulting of my advicobery devenus of battle and inevisus comehacid. It havely seemed a first fight to ma at that the contract of the contract of the contraction of the contract of the contract of the contraction. About three offsets there began the that of a

gun at measured intervals frem Chertsey or Addistone. I learned that the sunvidering pice-wood into which the record optilists had fallen was being shelled, in the hope of destroying that object hefore if speaced. It was only about five however, that a fieldgun reached Cashbars for use against the

a field-gun resched Chebbars for use against the first body of Martins.

About six in the evening, as I ast at its with my wife in the summer-boots tabling rispersuly about the battle that was lowering upon us, it heard a nuttle distantion from the commen, and immediately after a gost of firing. Class on the heels of that came a violent, ratiling reads, nuite

seed or text came a vossel, ratting erast, quite close to on, that should be pround; and, that the close to on, that should be pround; and, that the date of the control of the control of the date, and the bower of the thirt close beside in disks down into ruin. The pitnate of the mosque had vanished, and the resoftion of the solings intolly looked as if a hundred-ten pun had been at work upon ii. One of our chimmyor created as if a shot ladd hit it, flow, and the pieces of it came thatreting down the life and made a bean of thoreto-

I and my wife stood amazed. Then I realized that the crest of Maybury Hill must be within range of the Martians' Heat-Ray now that the col-

range of the Martinan' Heat-Ray now that the college was cleared out of the way.

At that I original my wife's arm, and without

434 AMAZING STORIES out the servant, telling her I would on unstains the smoke and noise, and snasking down the on-

myself for the box she was elamouring for.

"We can't possibly stay here," I sud, and as I spoke the firing re-opened for a moment upon the common.

"But where are we to go!" said my wife in

"But where are we to go?" said my wife in terror.

I throught, perplexed. Then I remembered har counts at Leatherhood.
"Leatherhood!" I shouted above the sudden noise.

"Re looked away from me downhall. The people were coming out of their houses autorished." "How are we to get to Leatherhead?" she said. Down the hill I saw a bery of husanz ride under the railway-bridge; three galloyed through the

Down the hill I asw a bery of husars rids under the railway-bridge; three galloyed through the open gates of the Oriental College; two others dismounted, and began ranning from house to husas. The san, shining through the smelle that drove upfrom the tops of the trees, secured blood-red, and tarew an unfamiliar laried hight upon severything.

"Stop here," read I; "you are sufe here;" and I; learned off is ones for the Spotted Dee, for I have the landlered had a heres and depart. Ir no, for I provided that in a monant environs upon this sile of the hill would be moving. I found that in his har, guite natives of what was gaing on the sile of the hill would be moving. I found that the his heat to be a table part of the sile of t

"I must have a pound," said the landlord, "and free no one to drive it."
"I'll give you two," said I, over the stranger's aboulder,
"What for?"
"And I'll bring it book by midnight," I said.

"Eard" and its inside, "water the hurry to utility my the of nile. Two points, and you for utility to propose, and you I required hastily that I had to less my home. I regulated hastily that I had to less my home. I required hastily that I had to less my home and a concrete the offers of the control of th

critical on this way, one of the discounted houses, reason running up. He was poliny from house to house, warning people to leave. He was going on an I came out of my front does, luming my reasures, does up in a table-deth. I shouted after him: "What news?"

"What news?"

"What news?"

He turned, starth hawled remething about "crawling out as a thing libe a dish cover," and run on to the paint of the busse at the creek. A run on to the paint of the busse at the creek. A run of the paint of the busse at the creek. A run of the paint of the paint

pooiss slaye at Maybayr Bill research Gil Wohing. In freet was quiet away landscape, a wheat-fuld aband on either side of the road and the Maybray fan with las swinging sign. I saw the docline of the side of the road and the Maybray fan with las swinging sign. I saw have like the side of the side of the side of the I turned my beat to look at the billide I was keen line. Thisk streamers of black combe shot with themaks of rod firs were driving up into the still side, and throwing dark shelwar upon the posttreat-tops unknown. The medie already extended words contexted, and to Weizing on the wart. The

bit, quiet are, one heard the whiter of a machinegue that was precently stilled, and an intermittent creading of rilbs. Apparently, the Marrians were setting due to everything whith range of their Head-Ray.

The superior of supert device, and I had intermittantly to turn my attention to the brene, When I forbite back again the second full had hidder the black arole. I should the heree with the why, and

to turn ray attention to the borne. When I Icoked back again the second half had hidder the black aroles. I should the herse with the whip, and pave him a locus redu multi Woking and Send lay between us and that quivering turnuit. I overtook and passed the doctor between Woking and Send. CHAPPER W.

In the Storm

PATHERIHEAD is about twelve miles from Maybury Illi. The scent of shy was in the May and part through the halt retailess beyond Pyrchet, and the belongs in offlow risks were need as that that had broken out white we wave driving disease that had broken out white we wave driving disease Maybury Illi cased as a brought as it beams, haveing the entering very posseful and effit. We get to London-hand without moderatives should miss to London-hand without moderatives should miss to London-hand without moderatives should miss to London-hand without moderation and entermeded my write to their earth.

My wife was curiously either throughout the wife; an amount opproved with formbedings of the coil. I taked to her manuscriptly, printer out to the coil. I taked to her manuscriptly, printer out to the coil. I taked to her manuscriptly, printer out to the coil of the coi

period.

it For my own part, I had been fewerishly excited
all day. Something very life the war-fewer, that
considerably reas through a civilized community,
which is a superiod of the community of the community

servain's too, jagged it out, stapped it beads har death.

on the tail of the depent, and then caught the It was nearly sleven when I started to return, reins and jumped up into the driver's seat beside. The night was unexpectedly durk; to me, walking my wife. In another meconat we were clear of out of the lighted resears of our require's house.

seemed indeed black, and it was as bet and close as the day. Overhead the closed were driving fast, asheti not a hreath stirred the shrube about us. My consists man lit both large. Happill, I know the road intunately. My wife stand in the light

of the deceway, and watched me until I jumped up into the doznart. Then absurptly has turned and went in, leaving my consine sele by side withing me good hap.

I was a Bibb depressed at first with the con-

takes a more supposess at letter with not contakes a more supposess at letter with not contaken and the suppose of the Art Controckness of Subject for the other conflict, Art Controckness of Subject for the suppose of the Art Controckness of Subject for that worther way. I referred, and not through Send and Old Welling) I take along the wateron heaters a blassfered glow, which as I drew manner, erget slowly up the above, which as I drew manner, erget slowly up the above. The driving colour of the subgrate of the

Bitley Street was descrited, and except for a lighted window or so the village aboved not a sign of life; but I surrowly except an except at the cover of the road to Pyrford, where a knot of coopie atood with their backs to me. They said nothing to me at passed, I do not know which they know of the things happening beyond the bill, nor were absciller accurate, or described and emission.

higher Righty wattl I eams through Pyrford I was its the valley of the Wey, and the red glore was its the valley of the Wey, and the red glore was the valley of the Right Rig

Cleas on its apparities, and hitndingly violet by contrast, danced out the first lightning of the gatharing storm, and the thunder burst like a recket overbood. The barse took the bit between his teeth

A molecule incline runs down towards the foot of Muthery Hill, and diven this we elastered. Once the foliation of Muthery Hill, and diven this we elastered. Once a succession of Hubban at I have ever seen. The thinder-class, treading one on the health of succlear and with a circupac eracking accompanisms, and with a circupac eracking accompanisms, and with a circupac eracking accompanism of the machine than the usual docusting reoverhead eractions. The discharing high was hilleding and consistent of the succession of the success

lowing another showed it to be in swift rolling maximum. It was as district white—a reconstructure of the same state of the legist, the red makes of the Orphunage mar the creek of the bill, the green tops of the planetroes, and thus problematical object came out clear and sharp and bright.

me, and then abruptly my attention was ar-

sharp and bright, saw! How can I describe it?
And this thing I saw! How can I describe it?
And this thing I saw! How can I describe it?
A meastrous tripod, higher than many heases,
atriding over the young pinetries, and annahing
than saide in its career; a walking engine of gisttering metal, striding now across the heather,
articulate opens of steel desgiths from It, and the

chitaring tunnel of its powers misseling with the risk of the thurser. A finely, and it came out width, hedding over one way with two fact in the six, to vainh and response almost testantly as it seemed, with the sext state, a burdered synchronic nearer. One you imagin a milking-sets elition and borded vidently along the ground? That was the impression thous instast finales gave. But invessed of a milking-stool imagine it a great body of machillery on a tetrod stank.

This modeling the trees in the pine-weed abused of my were parted, as british cools are parted by a man threating through them; they were seepred of and effects becomes a search large triped of and effects becomes a search large triped man. And I was guildpring hard to meet \$11. As the night of the second measure my curve want alterature. Not stopping to look again, I evenue the theorem when hard words to the right, and in the threates these hard would not the right, and in

digg sideways and fell heavily line a shallow poel of water, leaves the constant of the consta

affloratic of the wheel till sylaring slewly. In asother moment his colcount rechanism went stricking by ms. and passed upplift lowards Pyrford.
Seen nearer, the thing was incredibly strange,
for it was no meen increasate mechine driving on its
way. Mathins it was, with a ringing restellie pace.

and long fluxible gittering tentactes (one of which priposed a young ploot-free) notifying and railing about its stranger body. It plains its road as it rounted it moved to and free with the insertially surpression of a head leeking about it. Behind the min body was a long-thing of white metal like in the stranger of the stranger of the free of the stranger of the stranger of the free make squitted out from the joints of the free at the montact rawest by me. And in an instant

So much I now then, all vaguely for the fickering of the lightning, in Mining high lights and dense block shadows.

As it asseed it set up on explicit deafaning now beginning, and as it came and word, their I had falout.

Figures grew uniful on them failed into densers. I I stepped over bire gingerly an earth en light well-word them came a pap in the light below. It was nowled with half above and publishment the way owner time before my blank actions.

I was nowled with half above and publishment the uniform the best little area a red giar way to be a support to the property of the state of the support of the

For some minutes I lay there in the rain and

darkness watching, by the intermittent light, these

distance over the hedge-tops. A thin hall was

from Maro

ment would let me drangin up the back to a drieposition, or this is all almost ny frontients prefix. Such parts of the contract of the Nice far from me was a little one-record agest. the hours about the worn modify unliked. By parts of the property of the contract of the parts of the property of the contract of the

drecoed; his head was bent under his solly, and he lay crumpled up slees by the fence, as though he had been flung violently against it. Owncoming the repagnance ratural to one who had never before touched a dead body. I absceed had never before touched a dead body. I absceed

culte dead. Apperently his neck had been broken,

The lightning flashed for a third time, and his

the black objects they were busied upon. Neither

but I could not make the people hear (if there as if in with my latchboy, cloud, Includ and better as the first of the state of the sta

log now, towards my own house. I walked among the treat treign in find the domaint. It was very dark included in the wood, for the lightning was now becoming infringent, and the half which was pouring down in a terrent, full in columns through the papt in the havey felliges.

HAVE middle drawing the years of consistency the paper in the havey felliges.

the goal in the heavy fielding.

If I had fully resilised the mosting of all the things I had seen I should have immediately wet, and with little pools of water should not worked or way round through Blytte to Efrect the attractors, I got up almost mechanically. Colbium, and so gone back to rejoin my wife at went into the distingurees and drank sems whishey. Lastwheeds I But that night the strangerses of and then I was moved to change my other and then I was moved to change my other.

things shout me, and my physical workholdenes, presented me, for I was kniede, ware, we do tells a sink, dendard and blinded by the storm.

I had a warge files of going to my own house, we will be seen and had was in and notice as I Jad. I integered the work of the sink of the sink

this the lane that was from From the Goline Arms, the sandown the sale of the sandown the sale of the sandown the last in a mostly turner. There in the darkness a man blundered into me are least to set on realing bods.

The thundenterm had passed. The tower of sets one realing bods, and the properties about it had been realing bods.

me retling back.

He gave a cry of barror, sprang oldensays, and
the common about the pradjets was withle ranked on before I could gather my with sufficiently.

Arms the light, large black thanks, proteques and there is a sufficiently for the sufficiently arms the light, large black thanks, proteques and there is an at the large light at large large black thanks. The record to be a few sufficiently are the sufficient to the suffine sufficient to the sufficient to the sufficient to the sufficie

to resolt to kins. So heavy was the street of the storm just at this piace, that I had the hardest task to win my way up the bill. I want doos up the thin I want doos up the thin I want doos up the center was on fire—a head billided set with the thin I want to the first on weeked my way sharg mixtute toggets of firms, oncyting and withinks

Its pallags.

Near the top I stumbled upon something soft, and eviluation upon the dyndrous above. Every and, by a finish of lightning, new between my feet now and then a haze of emiles from some narror now and then a haze of emiles from some narror.

a heap of black broaddeth and a pair of boots.

configuration drow across the window and but the
Before I could distinguish clearly how the most key,

Martin shapes. I could not see what they were
the ficker of light had quasted. I stood over bits.

doing, are the clear form at them, nor recognize

waiting for the next flux). When it came, I saw

that he was a stordy man, cheaply but not shabbilly

the window. As I did no, the view opened out until, on the one hand, it reached to the bouses about Woking Station, and on the other to the charred and blackened pine-woods of Byffeet

There was a light down below the hill, on the rail. the Maybury road and the streets near the station were glowing rains. The light upon the railway rupoled me at first; there was a black been and a vivid glars, and to the right of that a row of yel-

low chlones. Then I perceived this was a wrecked Between these three main centres of light, the

spectocle, that black expense set with fire. It reminded me, more than anything else, of the Pot teries oven at night. People at first I could dis-Later I naw against the light of Woking Station And this was the little world in which I had

other across the line.

been living securely for years, this flory chaos! did not know, nor did I know, though I was beto the window, not down, and stored at the black sped country, and particularly at the three gigantic black things that were going to and fro in the

They seemed amazingly busy. I began to sake myself what they could be. Were they intelligent mechanisms? Such a thing I felt was impossible using, much as a man's brain sits and rules in his body? I began to compare the things to become

The storm had left the sky clear, and own the smoke of the burning land the little feding plupoint of Mars was dropping into the west, when

acraning of the fence, and rossing myself from the lethersy that had fallen upon me, I looked down and saw him dimly, clambering over the nallors. At the sight of another human being my

"Hist!" asid I in a whisper He atoroed astride of the feace in doubt. Then

the house. He bent down and stepped softly "Whe's there?" he said, also whispering, standing under the window and peering up.

limber gunners went to the rear, his horse trod in a rabbit-hole and come down, throwing him into a deprecation of the ground. At the same moment self lying among a best of charred dead men and "I lay still," he said, "seared out of my wits

hard reed! I was burt armen the back by the fall of the borse, and there I had to lie until I felt fore-then stumble, beng, swish! "Wired out!" he said.

He had hidden behind the dead home for a long time, pecuing out furtively across the common. The Configur men had tried a rush, in skirmishing order, at the nit, simply to be awent out of existence. Then the mouster had risen to its feet, and had begun to walk lelearely to and fro across the

like heed turning about exactly like the head of a

complicated metallic case, about which green finabes scintillated, and out of the furnal of this there

In a few minutes there was, so far as the soldier

could see, not a fiving thing left upon the common, and every bush and tree upon it that was not already a blackened skeleton was burning. The hus

with the formemerter of a horse aton of ms. We'd been wired out. And the smell-good God! Like

swered perplexingly and brokenly. He was a driver in the artiflery, and had only come into action sheet seem. At that time firing was oring on across the common, and it was said the first party of Mortions were growing slowly towards their became the first of the fighting machines I had seen. The grm he drove had been unlimbered near Horsell, in order to command the sand pits, and Its corrigal had precipitated the action. As the

of amotion, while L with a curious forgetfulness of my own recent despair, stood beside him won-It was a long time before he could steady his nerves to seawer my questions, and then he an

He followed me, simost mechanically, into the "Take some whisky," I said, pouring out a stiff

be made a costure of despair. "They wised an out-simply wiped us out," he repeated again and

"MY Ged!" he said as I drew him in.

I went down, unfastened the door and let him in. and locked the door nowin. I could not see his face. He was batters, and his cost was unbuttoned

"What hosn't?" In the obscurity I could see

THE WAR OF THE WORLDS "That's it." "Come into the house," I said.

He drank it. Then shraptly he sat down before

the table, not his head on his arms, and began to

heard the Maxims rattle for a time, and then become still. The glout sained Welcher Station and its cluster of houses until last; then in a moment became a heap of flery rules. Then the thing shut artilleryman, began to waddle away towards the

cylinder. As it did so, a second slittering Titus built itself up out of the pit The second monster followed the fast and at by avenue the but heather sub townsule Horsell. He managed to get alive into the ditch along by the side of the road, and so escaped to Woking. There his story became eleculatory. The place was imthere, frantic for the most part, and many burnt and scalded. He was turned saids by the fire, and

saw this one pursue a man, catch him up in one the truck of a pine-tree. At last, after elebifult. the artiflerymus made a resh for it and got over Since then be had been skulking along towards Maybury, in the hope of getting out of danger

Londonward. People were hiding in trenches and cellars, and many of the survivors had made off towards Weking Village and Send. He had been consumed with thirst until be found one of the the water bubbling out like a spring upon the

That was the story I got from him bit by hit. He grew calmer telling me and trying to make me nee the things he had seen. He had eaten no food because it into the more. We lit up large, for four hands would touch upon broad or meat. As he talked, things shout us same darkly out of the darkthat a member of men or animals had rushed across

backerd, so no doubt mine was also.

WHEN we had finished eating we went coftly unstairs to my study, and I looked again out of the open window. In one night the valler had become a valler of asher. The first had dwindled now. Where flames had been there were now streamers of smoke; but the countless ruins of ened trees that the night had hidden stood out now care-a white railway signal here, the end of a greenhouse there, white and fresh amidst the wreckings. Never before in the history of warfare had destruction been so indiscriminate and as are and eyer and again ruffs of vivid cross varon -streamed up, whirled, broke, and vanished, Berond were the rillars of fire short Chabbarn They became pillare of bloodshot amola at the first

What I Saw of the Destruction of Weshridge

A 8 the dawn grew brighter we withfrew our-selves from the window from which we had watched the Martiana, and went very galoth S the dawn grew brighter we withdrew our-

The srilleryman agreed with me that the house was no place to stay in. He proposed, he said, to battery-No. 12, of the Horse Artiflery. My plan

go with her out of the country forthwith. For I already powerland electly that the country about

Between us and Leatherhead, however, law the third cylinder, with its guarding glants. Had I hean alone, I think I should have taken my chance and struck norms country. But the artiflarement

discended wer: "It's no kindness to the viets seed of wife," he said, "to make her a widow"; and in the end I agreed to go with him, under cover of the tour by Epsom to reach Leatherhead I should have started at once, but my communion

that. He made me ransock the house for a fook, which he filed with whicky; and we lined every as quickly as we could down the ill-mode road by which I had come overnight. The houses seemed the laws. I began to see his face, blacksped and hodies close together, struck dead by the Heat Ray and here and there were things that the people had dropped-a clock, a alleger, a silver speed, and the like roor valuables. At the corner territor on to-

months the most office a little sent diled with home and familiars, and horseless, healed over on a broken wheel A cash-box had been hastily amounted Except the lodge at the Orphanage, which was still on fire, none of the houses had suffered very

greatly here. The Heat Bay had should the chice. not saure to be a living road on Manhory Bill. The majority of the inhabitants had escaped, I suppose, by may of the Old Woking road-the road I had taken when I drove to Leatherhead-or they had

We went down the lane, by the body of the man in black, sedden new from the oversight hall, and broke into the woods at the foct of the hill. We pushed through these towards the railway, without

passes induces mass covariat the railway, without meeting a real. The weeds arress the line were but the scarred and bluckened ruins of words; for the mani part the trees had fallen, but a certain propartion still stood, diamal gray stems, with dirkbrown follage lasteed of green,

On our slide the fire had down on more than search the nearest irray; ill had failed to searce its footities. In one phose the weedness had been at work on Saturdey; trees, failed and freshly triumfool, key in a clearing, with heaps of sawdust, by the aswing machine and the same and the same and the same these and its ampless. Hard by was a temporary hat, described. There was not a breath of with this morning, and everything was streamyly with. Free and the artilley-mass failed in whitpers, and below our and share from our shoulders. Once or whose was all same from our shoulders. Once or whose

After a line we draw saar the road, and as we diff so we heard the distiter of bods, and now through the tree-drams three cavely selffeer riding slowly bounds Weiding. We hilled them, and they balled while we hurried bounds them. It was a fleutesant and a couple of privates of the fith Housers, with a claud like a theodolity, which the artifleryman teld

"You are the first men I've seen coming this way this coming," sold the fleutenant. "What's brow-

IT is voice and face were eager. The men behind it him stared curiously. The artiflerymen jumped drwn the hank into the road and salutish. "Our destroyed last night, sir, Have been hiding.

"Our destroyed hort night, sir. Have been hiding. Trying to rejoin bettery, sir. You'll come in sight of the Martines, I expect, about half a mile sleen this road,"
"What the dickers are they like?" saked the lice.

tenant.
"Giants in armor, sir. Hundred feet high. Three legs and a body like Tominium, with a mighty great head in a hood sir."

head in a hood, sir,"
"Get out!" said the Beutemant. "What confounded nonomne!"
"You'd see, sir. They carry a kind of box, sir,

"No, sir," and the artillerymum began a vivid secount of the Heat-Ray. Halfway through the liveterant interrupted him and looked up at me. I was still standing on the hard by the side of the read.

atill standing on the heark by the tide of the road. "Did you one tit" and the liturianant.
"The perfectly trace," I said.
"We," and the Heutemant, "I suppose it's my burdless to see it bee. Look here"—to the artiflety-man—"we're datafulled here clearing people out of thair houses, You'd better as along and report your thair houses, You'd better as along and report your thair houses, You'd better as along and report you.

The Perfect of the set we're the Nove the way?"

again.
"Half a mile, you say?" said be.

tips scothwards. He thanked me and rode to, and we saw them no more. Further along we came upon a group of three woman and two children in the road, busy clearing out a laberer's cetting. They had got hold of a Bittle hand-truck, and were pilling it up with unclean looking buselies and shabby turniture. They were all too assidiarsals emend to talk to us as we

THE WAR OF THE WORLDS

By Bythest Station was emerged from the pintress, and found the country count and peaceful under the meeting samight. We were far beyond the range of the Heat-Bay there, and had it not been for the allow these of some of the houses, the string movement of peaking to others, and the host of sealities standing on the bridge over the late of the sealing of the sealing of the the day would have seemed were The saw other Stattic day would have seemed were The saw other Stat-

day. Several farm wagross and earts were moving creakily along the road to Addicatone, and suddenly through the pain of a field we saw, across a trend of fist meadow, ask twitten-pauriters standing roads at equal distances and pointing toward Waking The guraness should by the guar weiting, and the

assumention wagons were at a basiness-like distance. The mes sheed almost as if under importion. "That's good" said I, "They will get one fair shot, at any rate."

The artifleryman hashated at the gate.
"I shall go on," he said.
Further on towards Westerder, just over the

Further on towards Weyleridge, just over the bridge, there were a number of man in white fatigue jackets throwing up a long rumparl, and more guns behind

"R's hown and arrows against the lightning, snyhow," and the artifleryman. "They 'aven't seen that iro-bears yet."
The affects who were not actively angaged stood

The effects who were not actively engaged stood and stared over the tree-teps asub-westward, and the men digging would atop every new and again to stare in the same direction.

Ryfact was in a tunuft, people sacking, and a core of husars, some of them dissusteds, some on brischeds, were hunting them about. Three or four Black Government wagers, with crosses in white circles, and an old eranibus, among other wolders, were being leaded in the village streat. There were scores of poorle, most of them sufficiently Salbatical to have assumed their best delibes. This basic control of the control of the control of the con-

moldies were having the greatest difficulty in making them realise the gravity of their peelkinn. We now one abriebed old follow with a huge bax and a score or more of flower-post containing certainly, anguly expostability with the corporal with would have them balled. I stopped and gripped his area.

leave them behind. I stopped and gripped his arm.

"Do you know what's ever there?" I said, pointing at the pine-tope that hid the Martians.

"Eh?" said he, terming. "I was explainin' these

"Eh?" said hi, turning. "I was explaintn' these is vallyble."
"Death!" I shouted. "Death is cerning! Death?" and, leaving him to dignot that if he could, I hur-

ried on after the artillerymen. At the count, I have booked back. The soldler had left him, and he was still standing by his box with the pets of crebbin

AMAZING STORIES

No one in Weybridge come ven up headquarters were established; the whole place astantishme missellary of conveyances and horsein golf and boating costumes, wives prettiby dressed,

tion, and his bell was inneling out above the socite-

here no longer hussars, but groundiers to whitein their cellars as seen as the firing began. We

piled with horrs and packages. The ordinary trafhe had been atomed I believe in order to allow the pessage of troops and curs to Chertney, and I have heard since that a sersee struggle occurred

WE remained at Weybridge until mid-day, and at that hour we found currences at the place

oin. Part of the time we spent helping two old omen to nack a little cart. The Wey had a troble here was a ferry across the river. On the Shepthat the tower of Shennerton Church-it has been

panie, but there were already for more people than all the heats poing to and fro could emphis to cross. outhouse door between there, with some of their household groods piled thereon. One man teld un he meant to try to get away from Shepperton Sta-

There was a lot of shouting, and one man was even lesting. The idea morals occuped to have here was that the Martiana were simply formidable by-

at the weadows towards Chestery but executions Arms the Thomas arount but where the boats

the boots went tramping off down the lane. The big ferry-beet had fust made a fourney. Three or four soldiers stood on the lawn of the inn, staring and festing at the funitives, without offering to The inn was closed, as it was now within

"What's that?" cried a beatmon, and "Shot on, wan fool?" and a way were we to a mining dow Then the sound came again, this time from the di-

The fighting was beginning. Almost immediately unseen batteries across the river to our right, unseen because of the trees, took up the chorus, firing heavily one after the other. A woman acreamed

"The spiers 'Il stop 'ere," said a woman bookle red doubtfully. A haziness rose over the tree-tops, up the river, a ruff of smoks that feeled up less the air, and hung, and forthwith the ground heaved under feet and a heavy emplosion shook the six-

"Here they are?" shouted a man in a bloe terray. "Yorder! D'ear see them? Yonder!" Quickly, one offer the other one two three four of the semored Martians appeared, for away over tements Cheptary and striding hurricily towards

the river. Little crowded floures they seemed at first, going with a rolling motion and as fast as Then. advancing obliquely towards us, came a as they except swiftly forward upon the guns, growing rapidly larger as they drew nearer. One on the

case high in the air, and the ghoetly terrible Heat-At right of these strange, swift, and terrible creatures, the crowd along by the water's edge seemed to me to be for a moment horror struck. There was

no acreeming or abouting, but a affence. Then a hearre murmur and a movement of feet-a solash. the partmentern he corried on his shoulder among word and next me stangering with a blew from the corner of his burden. A woman threat of me with her hand and rushed post me. I turned, too, with the rush of the people, but I was not too terrified for thought. The terrible Heat-Ray was in vermind. To get under water! That was it! "Get under water!" I abouted unbeeded

I focal about again, and replied towards the anareaching Martians-rushed right down the gravelly beach and headleng icts the restor. Others did the same. A heatland of people putting back come

leaving out as I rushed past. The stones under ray feet were worth and slippery, and the river was so how that I yan merhaps twenty feet scarcely walstdeep. Then as the Martine toward courboad scarcely a comple of hundred varies away. I though

myself forward under the surface. The splashes of the people in the boots leaning late the river sound

ed like threederelane in our core. People muse land But the Martine machine took no more notice for the moment of the people running this way and that than a man would of the confusion of ants in a next against which his face was kicked. When, half suffocated, I raised my head above water the Martian's hoot pointed at the hatteries that were still fithin

I N another memoral it was on the hank, and in a tritle woulding hall-way across. The kines of its forecast logs best at the further bonk, and in as other moment it had reased itself to its fall halphing again, also to the village of Stapperton. Forthwith the six gain, which, uthrows to say on on the other halphing and the six of the six gain, which, uthrows to say on on the other halphing and the six gain, which, uthrows to say on on the other halphing and the six gain, which gain the six gain and the six gain

the case generating the Heal-Ray, as the first shell lurset six yards above the head.

I gave a roy of astonishment. I saw and thought usthing of the other four Martins measters; us attention was riveted upon the nearer sciedest. Bl multaneously two other shells harst in the air near

malianeously two other shelfs harst in the sig use the body as the hood twisted round in time to receive, but not in time to dodge, the fourth shell. The shell harst clean in the face of the thing. The hood bulged, hashed, was whirled off in a dozen to borned fragments of red fishs and sittlering metal.

"Hat!" should I, with sensiting between a scream and a cheer.

I heard enswering should from the people in the

The designated colosius reshel like a drusher glast; tot it did not ful seven. It recovered in its sease by a naiveste, sed no impact heading its steps, and with the cases that there is the first flast produced with the cases. As the first flast produced in the first flast produced in the first flast flast produced in the first model in the best was ablat and sprached in the four which of become and the thing was now hat a mare intricate device of metal whitting to doctrection. It droves along in a straight like, inexpole of guidence. It struck the tower of Shappertruc Church, assambling it down as

severed side, himstered on, and collapsed with a tremendous impact hits the river out of my slight. A videat explaint shirth the sir, and a spect of water, steam, mol, and intered suited, shirth for up into the sig. As the caners of the Heat-Ray bit the water, the latter had fassutinettly fluided itseland. In said-ther recount a long wave, like a sunder this low, our thought the said of the latter had been a sunder this low, our thought and the said of the latter had been suited to the said of the latter water had been suited to the said of the latter of the latter had been suited to the said of the latter of the latter had been suited to the latter of the latter had been suited by the latter of the latter had been suited by the latter of the latter had been suited by the latter of the latter had been suited by the latter of the latter had been suited by the latter of the latter had been suited by the latter of the latter had been suited by the latter of the latter had been suited by the latter of the latter had been suited by the latter of the latter had been suited by the latter of the latter had been suited by the latter of the latter had been suited by the latter of the latter had been suited by the latter had be

the Martian's collepse.

For the moment I beded nothing of the heat, forrot the patent need of self-preservation. I asiashed through the tunsuitouss water, pushing aside a man in black to do so, until I could see round the bend. Baif a dozen described beats nitched sintensive unce

the confusion of the wares. The fallst Martine came into eight downstream, lying across the river, and for the most part submerged.

Thick clouds of starm were neutrine off the wreck-

spe, and through the transitionally whithing wings I could use, intermittently and varsely, the grantle limbs churning the water and finging a opinh and openy of most and from into the air. The testacles awayed and struck like living seem, and, save for the helpidas perpositionnum of these prevenents, it has been propositionally the second of the amilist the waves. Famemors quantities of a raidy from full waves spurifies, up in noisy jets out of

My attention was diverted from this sight by a furious relling, like that of the thing called a sirem in our manufacturing twom. A man, kneed-eponear the towing-path, shouted insudility to me and pointed. Looking book, I saw the other Martians advantage with gigantic strikes down the river-basic

from the direction of Chertsey. The Shepperton guess spake this time unavailingly. At that I dusked at once under water, and, holding my breath until movement was an apony, blun-

ing my hreath until movement was an apony, blundared pointfully along under the surface as long as I could. The water was in a turnell about me, and rapidly generics better.

When for a memoral I radged my head to take

hreath, and throw the hair and water from my eyes, the atoms was rising in a whiring white fog that at Seat had the Martinas allogether. The noise was deafening. Then I saw them simply, colonal figures of grey, nasguified by the mint. They had passed by no, and two were steeping over the frothing tunniteness of their courses;

The third and fourth stood beside him in the writer, one perhaps 200 yards from me, the other towards Leichau. The generators of the Heat-Keyn wards high, and the highest heat was a ready of the control of the contro

way and this.
The air was full of sound, a danfening and confusing seedlet of neices, the classyrous din of the Martians, the create of falling houses, the thost of trees, fromes, shock, flashing late flars, and the creaking and earing of fire. Dense black amone was laping up to mingh with the steam from the was laping up to mingh with the steam from the was laping up to mingh with the steam from the Westlevise. He instruct was record by flashing of he, Westlevise, the instruct was record by flashing of the

dense of laid finnes. The nearer brown still atomlated, availing their fate, shadowy, failt and still the stream, with the fire behind them goling to said from constitutions, and the stream that the Por a most bidden water distributed at my posttion, hostines.

ortanbility out of the water through the reeds, like it little frogs harrying through grass from the advance of a mea, or ranning to and fro in utter dismay on the towing-path.

Then suddenly the white finehes of the Heat-Ray ealing lenging towards me. The houses caved it as

they dissolved at its tooch, and darted out flames; the trees charged to fire with a rear. It dickered up and deven the towing-path, licking off the people who ran this way and that, and came down to the water's oldes and fifty yards from where I stood. It

swept across the river to Shepperton, and the water in its track rose in a boiling wheal created with steam. I turned showward. aloud, and scalded, half blinded, agonized, I stagworld through the looping higging water towards

Martians, upon the broad, hars gravelly spit that rons down to mark the angle of the Wey and Thames. I expected nothing but death.

I have a dim resmory of the foot of a Martian coming down within a score of yards of my bead interminably, as it seemed to me, across a vast

space of river and meadow. And then, very alambe.

How I Fell In with the Curate STER catting this under larger in the normal of terrestrial weapons, the Martinus retreat-

A ed to their original position upon Horsell the dilate of their excepted companies they no doubt overfeeled many such a stray and unseestime between them and London but batteries of twelve-pounder guns, and they would cortainly have conversely as sudden, dreadful and destructive their advent would have been as the earthquake that destroyed Lishen a century ago. But they many in no brown Catteday followed and

to the tremendous power of their autaponists, worked with furious energy. Reary relaute a fresh gurn came into position, until before twilight, every come every year of authoritan willow on the billy slopes about Kingston and Richmond, marked an and devolated area-perhaps twenty square miles sitogether—that engineed the Martian engagement on Morrell Common, through sharred and refused the beliggraphs that were presently to warn the surners of the Martian approach. But the Martions you understood our command of artillery and the danger of human proximity, and not a man venrosed within a mile of either refinder, save at the

It would seem these clarts speed the earlier part rained halidings that stretched far and wide, stood

towering militr of dense green ample that mee row, and even, it is said, from Baretead and Epsom And while the Martians behind me were than preparing for their next sally, and in front of me Humanity gathered for the hattle, I made my way,

one as contined, while the rest abundaned their vari

swelve of burning Wavbridge towards London. my sodien clothes. I went after it, rained it, and so escaped out of that destruction. There were no cars in the best, but I contrived to paddle, as much sted the water mayo me my heat chance of corane.

The hot water from the Martian's overthrow drifted down-niream with me, so that for the best part of a mile I could see little of either hank. Once ing agrees the mendows from the direction of Way. bridge. Halliford, it seemed, was quite descrited and several of the bruces faring the river were on dre. It was atrappe to see the place quite tranquil, cuffe desolate under the hot blue sky with the smoke and little threads of flame solar straight an into the heat of the afternoon. Nover before had I

For a long time I drifted, so painful and wearr interne the heat over the water. Then my fears got the better of me again, and I resurred my nuldling. The sun sourched my bare back, At last, sa the bridge at Walton was coming into sight round and I landed on the Middlesex bank, and tar down. deadly sick, amidet the long grass. I suppose the time was then about four or five o'clock. I get up presently, walked nerhans half a mile without meetinely to several during that last great. I was also more water. It is a curious thing that I felt angre potent desire to track Leatherhead worried me ex-

DO not clearly remember the arrival of the of him as a reated figure in sect-smoded shirtslowers and with his unturned alarm shower from

starley at a faint fieldring that danced over the sky. The sky was what is called a mackerel sky. rows and rows of faint down plumes of cloud, less I ast up, and at the rustle of my motion he looked at no quickly.
"Have you any water?" I asked abruptly, to shock his bead.
"You have been asking for water for the last sour," he said.
For a moment we were allout, taking shock of one

ands; yr soo.
For a moment we were allout, taking abook of one
another. I done may be found me a strange evough
another. I done may be found me a strange evough
owin, southed, and my face and aboutiers blankaned
from the smake. His face was a fair washenas, his
deity potential, and his hard lay in oring, almost
flacen outs on his low forebad; his eyes were
rather large, pale bins, and blankly staring. His

chin retreated, and his haur lay in orion, almost flacen ouris on his low forehead; his eyes wive rather large, pale blue, and blankly staring. He spake absustly, locking weamtly away from ms. "What does it mean?" he said. "What de these things mean!"

things mann?"
I stared at him and made no answer.
He extended a thin white hand and spake in almost a complaining tors.
"Why are those things permitted? What sinstead was over 1.0".

have we done? The morning service was over, I was walking through the reads to clear my brain for the afternoon, and them—fire, narthquake, doubt! As if it were Sedom and Genorrah! All our work maters, all the work... Wast are these

dualist: As if it were Sedom and Genorrah? All our work undone, all the work. . . What are these Martines?" "What are we?" I answered, clearing my threet. He gripped his knees and turned to look at me

Heatir, "I was walking through the roads to clear my brains," he said. "And suddenly fire, earthquake, death?"

death?"

He relayed into elienes, with his chin now surken almost to his knees.

"All the work—all the Sunday-schools. What have we done—what has Westridge done? Everything gene-overything destroyed. The church We related it only three years ago. Gons—every ext of existences. West."

Another pease, and he broke cut again like one demented.

"The smoke of her burning goeth up for ever and ever?" he absused.

His eyes firmed, and he pointed a lean finger in the direction of Weybridge.

the direction of Weylerlige.

By this time I was beginning to take his measure. The tremendous tragedy in which he had been involved—it was evident he was a fugitive from Way-hridge—had driven him to the very verge of his

"Are we far from Sanbury!" I sold in a matterof-fact term.
"What are we to do?" he saked. "Are these truntures everywhere? Has the earth been given over to there?"

keep your hand. There is still hope."
"Hope?"
"You; plentiful hope—for all this destruction?"
I hope to exclude my view of our mostition. He

eres changed to their former stare, and his regard

"This must be the beginning of the end," he said, interrupting me. "The end! The great and terrible day of the Lord! When men shill call upon the mountains and the rocks to full upon them and hide them—hids them from the face of Him that

sitiable upon the threes."

I beyan to universand the position. I ceased my labored reasoning, struggled to my feet, and, starding over him, and my hard on his aboutder.

"Be m man," and I. "You are scared out of your with. What good is religion if it collapses and colors they Think of what earthquadess and feeds, was real colorance, have done higher to mee. Did you send colorance and colorance have done higher to mee. Did you

and versions, now deep before to med. Due you think God had exempted Weybridge? . . He is not an insurance agent, man."

For a time he set in hirak ellence.

"But how can we except?" he neked suddenly.

"They are invulnerable, they are piblices. . . ."

"They are invaluerable, they are pittless."
"Neither the one nor, parkags, the other," I as severed. "And the mightfur they are, the more said and party about we be. One of them was hilled youter not three hours age."
"Rifted" he said, staring about him. "How our

"Kited" he said, staring about him. "How can God's winisters be killed?"
"I saw it happen," I proceeded to tell him. "We have charood to come in for the thick of it," said i,

A new it inspers, I proceeded to tell into "we have chanced to come in for the thick of it," said it, "and that it all," "What is that flicker in the sky1" be asked shruptly.

I told bits it was the helicograph signalling—that it was the sign of human help and offert in the sky.

"We seem to the simple of the signal of the sky."

"We seem to the simple of the signal of the sky."

"We seem to the simple of the signal of the sky."

Yonker, I toke it, are the Martinan, and Levinan was the sky. The sky. I toke it, are the Martinan, and Levinan was, where these fully rise about Richmond and Kingston, and the trees give cover, astronomic as the signal of the sky. The sky.

And even as I spoks, he opening to his feet and stopped me by a gesture.

CHAPTER XIV

My Y younge brether was in Lorsing when the Markins ful at Weinig, He was a milk call student, working for an irradiant call student, working for an irradiant extraction, and be bared nothing of the arrived small Skinniky morning. The merning papers on fature day contained, in addition to because younged to dear the pinnet Mars, on life in the pinnets, and so forth, a laried and wagnets-received teleprane, all the more stricking for its kervity.

The Martines alarmed for the seamonsh of a

444 AMAZING STORIES crowd, had killed a number of people with a quick-papers, that

of the property of the story run. The beligness concincing sun, so the story run. The beligness concincing with the words: "Formidation to be, the Martians have not moved from the pit into which they have fallen, and, indeed, eems incanable of design so. Probabily this is due to the relative strength of the earth's gravitational ex-

capable of doing so. Probably this is due to the relative strength of the earth's gravitational energy." On that last text the leader-writers expanded very comfortingly.

Of ourse, all the students in the crammer's bidogy class, to whith my brother went that day, were

intensity interested, but there were no signs of any unrutal excitoment is the streats. The afternoon napers puffed scrays of news under hig headlines. They had solding to tell beyond the successorate of priserwoods between Working and Weylerding, until eight. Then the St. Asmest Gaussia, in a extra special edition, amounted the hars fact of the interruption of beigraphic communication. This was

was known that night, the night of my drive to Lastberhead and bank.

My brother full no anniety obeat us, as be know from the description in the papers that the cyllider was a good two miles from my hume. He made up his miles to run down that night to me, in order, as he says, to see the things before they were sillied.

he says, to see the things before they were killed. He despatched a telegram, which never resched me, about four o'dbek, and spent the evening at a musichall. In London, also, on Saturday night there was a thunderstorm, and my brother reached Waterlee in

scale. On the platform from which the analysis and the line analysis that he have, the too one within analysis that he have a similar to the solution of the analysis. Which is highly the solution of the analysis of the ana

Martians.

I have read, in another account of these events, that on Sunday moraing "MI Landon was electrified by the news from Woking." As a matter of fact, there was nothing to justify that very extrawopant phrase. Plenty of people in London did not hear of the Martians until the paste of Monday succession.

the Martiam until the panic of Monday meening. Those who did took some time to realize all that the harilly-wooded talegrams in the Sunday spaces conveyed. The majority of people in London do not read Sunday papers.

The halit of moreousl accurity, moreover, is no viences: "About seven evices kint night the Martima sense out of the sylinder, and, mercup shout under an armor of medillic inhalfs, have completely wrached reduits plattine, with the subjects branes, which was the sense of the sense of the sense of the Regment. No details are known. Maxima have been absolutely senden septem titler armer; the fold-gman have hern filmlich by them. Flying have the sense of the sense of the sense of the sense fold-gman have hern filmlich by them. Flying have the sense of the sense of the sense of the fold-gman have been filmlich by them. Flying have true appear to be moving about 5 worth Churthags or Wholster, Great nantiag prevails in West Borry, and settlewish as a being three may not shock the

Som pit it, and a cleare and remarkably records alreaded with the Meters compared the desirable with the Meters compared the control of the compared the control of the con

and edition or further new came to hand, some even in drink of it. But there was profitely even in orderic of it. But there was profitely made in the subscribed part of the property of the p

and the displaced on the previous shift. These and all street for passes. Comits can be bought as all street for passes. Comits can be bought as for passes are passed on the comits of the passes of

precise detail out of them. "There's fighting going nabout Weybridge," was the extent of their information.

The train service was now very much disorganized. Quite a number of people, who had been expecting friends from places on the South-Western contrart, were starding about the station. One

network, were starding about the desires. One gray-beaded old gentleman come and abused the South-Western Company bitterly to my brother. "It wants showing up," he said.
One or two trains come in from Richmend, Pol-

The half of personal accurity, moreover, is so steeply fared in the Loudcoar's mind, and startling on for a day's hosting, and found the poles chosed bluffliences no much a matter of course in the and a feeling of matter in the six. A country in the

"There's hosts of people driving into Kingston in trare and carts and thoses, with boxes of valuables and all that," he said, "They come from Molessey been gurn heard at Chertsey, heavy firing, and that mounted soldiers have told them to get off at once

The Martisms can't get out of their pit, can they?" Afterwards he found that the varue feeling of

one connected with the terminus scened di-terspered. with soldiers. These were the guns that were brought up from Woolwich and Chatham to cover so forth. A little while after that a sound of police came into the station, and becam to clear the public

The church bells were ringing for evensors, and down Waterlee Road. On the bridge a number of came drifting down the stream in natches. The sun was just setting, and the Clock Tower and the proceful skies it is possible to imprine, a sky of purple cloud. There was talk of a floating body. told my brother he had seen the helicersph flicker-

In Wellington Street my brother met a comie of ards. "Dreadful estastronhe?" they hawled eye to the other down Wellington Street. "Fighting at Weyhridge! Full description! Recoise of the Martians! London said to be in danger?" He had to

stern. He leaves that they were not marrie a hand,

They were described as "vast spider-like machipes, nearly a hundred feet high, capable of the

of field-gens, had been planted in the country about district and London. Five of the machines had been seen moving towards the Thames, and one, by been at once annialisted by the Heat-Rays. Heavy

The Martians bad been repulsed; they were not from Windsor, Portamouth, Aldershot, Woolwicheven from the north; among others, long wire guns ily laid, chiefly covering London. Never before in

Any further cylinders that fell, it was bored could be destroyed at once by high explosives, which No doubt, ran the report, the situation was of the was exhorted to avoid and discourage panie. No doubt the Martians were strange and terrible in the extreme, but at the outside there could not be more than twenty of them seniest our millions. The apthorities had recent to suremen from the size of the cylinders, that at the outside there could together. And one at least was dituoted of-perham more. The nublic would be fairly worred of

the confidence of the authorities to cope with the HIS was printed in coormous type, so fresh that time to add a word of comment. It was curious, my brother said, to see how ruthlessly the other con-All down Wellington Street, people could be seen

army of hawkers following these pioneers. Men came acrambling off buses to accure copies. Cortainly this nows excited people intensely, whatever their previous anothy. The abutters of a man-elecfly fastening mans of Surrey to the glass.

the paper in his hand, my krother saw some of the fugitives from West Surrey. There was a man driving a cart such as gresnerocers use, and his wife and two boys and some articles of furniture. He was driving from the direction of Westminster

Briggs, and close behind him came a key wagers with five or its respectable-booking posts in it, and wave bagard, and their centre operance over bagard, and their centre operance contrasted coastpourous's with the Sabbath-best as progression of the properties of the Space as if undesticd which way to take, and finally turned calculated along the Staradt. Some way after those came a most in work or eithers, religing to of those soft facilities of the properties of the properti

while in the face

By writer turned down tensors Votertie, on the a number of who person. He had a vague to the that a number of who person. He had a vague to the third sum of the person of the regarder the traffe. Some of the relayers were enthanging some with the other traffers of the regarder that the results and adminds by their trages experience, which are also also had by their trages experience, the results of the results of the second of the conception of the results of the results of the second limits that which are risks. At all the steel from the results of the results of the second corner results of person of the second of the corner results of the results of the reourds as the threshold of the results of the reverted of that the reside, we be desired only were the desired activated from further second only were the order of the results of the results of the redefined of the results of the results of the redefined of the results of the results of the redefined activated the further second only in anti-

except one man, who assured him that Welting had been mitterly destroyed on the previous night. "I come from lighting" he and j. "a mea on a hicycle care brings, the plane is the early mersing, and man from direct to done warning as to come neary. "These cares oblicities." We went out to troke, and there is no second to the second that the contraction of the second properties of the properties of the second properties of contractions of the contraction of the contraction of Weylerdger. Be I'es beload up my house and cesso on."

At that time there was a strong feeling in the streets that the autherities were to blazes for their inspacify to dispose of the involers without all this inconvenience. About eight o'elock, a noise of heavy firing was distinctly midlible all over the seath of Londen. My

streets to the river he was able to diritinguish if quita platify. He wasked back from Westerinaster to his apart-He walked back from Westerinaster to his apartments mear Regent's Park about two. He was zow very anatous on my account, and distanced at the orderst magnitude of the treather. His mind was inclined to cur, even as mine had ren on Satzerlay, which is the state of the state of the satzer of the contents, or and the satzer of the contents, or an account of the satzer of the

dred feet high.

There were one or two carthods of refugees possing along Oxford Street, and several in the Maryishne Road, but so slowly was the news spreading that Report Street and Perthad Road were full of their swal Sanday wight premanders, sibelt they

a little opposeder, the seaso of pear continue in the terminicative, and fairt misleight burse seemed to be that illights by it the south.

I there were the season of the

talked in groups, and along the edge of Regent's

Park there were as many affect couples "walking

on, up and down the street the read on the trust the lead on, up and down the street there were a down on others to the note of the windowsasts, and beads in every into of night disarray appeared. Inquiries were being shouted. "They are combine!" bowled a pollowan, haumersies at the door, "the Hardines are coming?" and harried to the next.

from the Abacy litters Barrache, and every church within scrobt two hard at work Billing step with a valuterant disorderly toods. There was a nate of does opening, and window after window in the houses opposite thathoff from durbans into yellow Up the street came galloging a closed cerving, hursting alongly into noise at the owners, risker that a clustering influence made the whodes, and depic away drowly in the distance. Case on the rear of long proceedings of thing welding, garder for the

Western special trains were healing up, instead of coming down the gradient into Eurico.

FOR a long time my brother stared out of the wisclew in blank assentiatment, watching the policierum hammering at door after deer, and delivering that incomprehensible messages. Then the corross the lading cause in deceased only in this second with a believe to the corross the lading cause in deceased only in the

walst, his hair disordered from his pillow.
"What the devil is it?" he asked. "A fre? What
a devil of a row."
They both craned their heads out of the window.

They both craned their heads out of the window, straining to hear what the policemen were shoutty, inc. People were coming out of the side streets, at and standing in groups at the corners talking. "What the drull is it all about?" said our broth-

er's februs degre,

My brother answered him vaguely and began to
dreas, randes with each garment to the wisdow

In order to miss nothing of the growing exciteinterest of his streets. And precently men adding
unnaturally early nempopers came bawling its

ton and Richmond defences forced! Fearful And all about him-in the rooms below, in the houses on sither side and across the road, and other streets of that part of Marviebone, and the westward and porthward in Kilburn and St. John's and Hurbbury and Haggerston and Hexton, and indeed, through all the vastness of London from

massacres in the Thames Valley!"

Ealing to East Harn-people were rubbing their simless questions, and drossing heatily as the first breath of the coming storm of Fear blew through of Monday morning to a vivid sense of danger. Unable from his window to learn what was hap-

pening, my brother went down and out into the street, just as the sky between the parapets of the licuses grew pink with the early dawn. The firing people on feet and in vehicles grew more numerous every moment, "Black Smoke?" he beard people crying, and again "Black Smoke?" The contagion of each a manimum fear was inevitable. As my brother healtated on the doorand got a cony forthwith. The man was running away with the rest, and selling his parers as he

And from this paper my brother read that cetantrophic descatch of the Commander-in-Chief; "The Martians are able to discharge enormous clouds of a black and poisenous vapour by means of rockets. They have smothered our batteries,

and are advancing slowly towards London, destroying everything on the way. It is impossible to step there. There is no safety from the Black Smoke but in instant flight," That was all, but it was enough. The whole population of the great six-million city was stir-

"Black Smoks?" the voices cried. "Fire?" The hells of the neighboring church made a inneling tuessit, a cart careleasly drives amashed up the street. Bickly vellew light went to and fro in the houses, and same of the passing cabs flaunted unextinguished lauge. And overhead the dawn was evoulne brighter, elect and steady and calm. He heard footstern remains to and fro in the rooms, and up and down stairs behind him. His

As my brother began to realize the import of all these things, he turned heatily to his own room, put all his available money-come ten pounds alto-

T was while the curste had sat and talked so wildly to the under the hedge in the flat meadows year Halliford, and while my brother Bridge, that the Martians had resumed the offen-

sive. So far as one can ascertain from the con flicting accounts that have been put forth, the majority of them remained busied with preparaumes of given smoke.

way through Byfleet and Pyrford towards Ripley and Weybridge, and so came in sight of the expectant batteries against the setting sun. These Martians did not advance in a body, but in a line fellow. They communicated with each other by means of siren-like howle, running up and down the scale from one note to another It was this howling and the firing of the guns

at Ripley and St. George's Hill that we had beard at Upper Halliford. The Ripley gunners, unsensoned artiflery voluntacre who capht pever to have been placed in such a position, fired one wild, premature, freffectual volley, and belted on horse and ran, for a shilling each-a groteogue mingling of walked over their suns serepely without using his Heat-Ray, stepped glagurly among thom, passed in front of them, and so came unexpectedly upon The St. George's Hill men, however, were better lad or of a better mattle. Hidden by a rite, wood as they were, they seem to have been quite unexdastroyed Richmond, Kingston, and Wimbledon. merical by the Martin nearest to there. They laid

their runs se deliberately as if they had been on

The shells flashed all round the Martian, and down. Everyhody velled together, and the guns were reloaded in frantic haste. The overthrown ring, elipping, running; presently it would be neurappeared over the trees to the south. It would one of the shells. The whole of the second volley flow wide of the Martin on the oround, and simply tanaough both his companions brought their Heat Rave to hear on the hattery. The amountition blew up, the pine-trees all about the guns flashed sirendy running over the crest of the hill escaped. After this it would seem that the three took counsel together and halted, and the scouts who were watching them report that they remained

Martian who had been everthrown crawled tedi-

suggestive from that distance of a speck of light

and apparently engaged in the repair of his sup-

C STYAPIE

port. About nike he had finished, for his cost was then seen about the trees again.

It was a few minutes part alone that night when these there controlled were closed by four other Martians, each carrying a thick black tube. A smiller tube was handed to each of the three, and the seem proceeded to distribute themselves at squal distances along a curred film between Six equal distances along a curred film between Six George's Hill, Wayhrddgu, and the rillage of Send, seathwest of Ripley.

Solitowest or register, or of the bills before them so soon as they becam to move, and warned the solitor of the solitor of the solitor of the unitary terms of the Phylling Machine, initiary armed with teles, crossed the river, and row of them, black against the western sky, case into sight of myself and the cursts as we harvied warrily and patiently sleep the road that run anothward out of Halliferd. They moved, as it seemed to m, upon a cloud, for a mility rate; even

ared the fittin and rose to a third of their height.
At this sight the cursts cried finistin his threat, and began running; but I knew it was road running from a Martine, and I turned saids and crawled through deep patter, and I turned adds and crawled through deep patter, and I turned to the tred ditch by the side of the read. It looked book, saw what I was doing, and turned.
The two Martinas halted, the source to as stand-

ing and facing Smbury, the remoter being a gray indistinctness towards the evening star, away towards Staines.

THE occasions horsing of the Meritan bad caned, they bod up their position in the bary content in the bary content in the bary content bad between the positions. It was a createst with twelve miles between its heren. Never takes the deviking of gunpoder was the beginning of a battle so still. To us and to an observer about Riphy it would have had precisely the same effect—the Martian scenario in solitary poissoins of the dualities with II. Be only as it was by the siender mean, the start, it a effect.

give of the daylight, and the reising place from St. Grouge's Hill and the woods of Painshill.

But facing that crescent swarywhere, at States, Boussiow, Etches, Education, Education,

advance into the line of fire, and firstantly those motionless black forms of men, these gams glittering so davidy in the early night, would explode into a thunderous fury of battle. No doubt the thought that was upperment in a thousand of these vigilant minds, even as it was

thousand of these vigilant minds, even as it was uppermost in mine, was the riddle how much they understood of us. Did they grasp that we in our millions were organized, disciplined, weeking to gather? Or did they interpret our sparts of first, the unden stinging of our shells, our steady inmattered of their exercement as we should the

gather in my mind as I watched that was sectional chapes, and in the back of my mind was the sense of all the large unknown and hidden feeces London-ward. Had they prepared quittility Were the personnellis at Houndow ready as a same? Would the Londoners have the beart and courage to make a greater Morocov of their nighty provinces of houses?

Then, after an interminable time as it seemed to me, creating and person through the height of to me, erceding and person through the height of the me, erceding and person through the height.

of base? Did they dream they wight exterminate

us? (At that time no one knew what food they

to us, creaching and peering through the heige, came a sound like the distant concession of a gas. Another zeares, and then another. And then the Martine heided us raised in this ce in high and discharged it gasswins, with a heavy report that made an executed have. The Martine towards Schizes are record here. The Martine towards Schizes are record here. The faction towards Schizes alongly that leaded detectation. The latest part of the property of the second schize of the latest schize of the second schize schize of the second schize of the second schize of the second schize schize of the second schize of the second schize of the second schize schize of the second schize of the second schize of the second schize schize of the second schize of the second schize of the second schize of the second schize schize of the second schize of the second schize of the second schize of the second schize schize of the second schize

lowing one another that I so far furgot my percent actify and my scalide hands as to clamber up into the hedge and stars towards Sunbory. As I did so a second speep follows, and a hy projectile harried overbend towards Homahow. I expected at least to see stands or fir or a none such evidence of its work. But all I saw was the deep-slue sky above, with one collary star, and the white mate spreading wide and low beneath. And there had been no crash, so arswering explosion. The silence

con no crasa, no arewering exponent. The stence can restored; the minute lengthcond to three. "What has happened?" said the curate, standing p beside ms.
"Heaven knows?" said I,

A bat fickered by and vanished. A distant turnels of abouting began and coased. I looked amin at

the Mettida, and saw by was now moving entireads unding the Free-bank, with a suff rolling motion. Every mountal inspects the rise of room bildies. Here you was not recorded to the control of the way was substitute. The first part by the recorded color was substitute. The first part of the production of the producting and the motioned by the production of the production of the coloring was not become to be a substitute of the coloring was a defined as the coloring was a desired as the coloring was the coloring was a desired as the coloring was a desired was a desire

d. Moved by a modes thought, I looked morthward,
so and there I precived a third of these cloudy black
loopies had arisen.
Everything had saddenly become very still. Far
away to the south-east, marking the quist, we
beard the Martinus beating to one another, and
than the six conversed again with the distress kind

away to the south-east, marking the quiet, we heard the Martinus booting to one ascober, and than the air quivered again with the distant theid of their game. But the earthly artiflary mair no a raph.
 Now, at the time we could not understand these

things; but latter I was to learn the meaning of these outloom kopies that gathered in the twilight. Each of the Martinu, standing in the great crecrot I have described, but discharged at some unknown signal, by means of the gen-like tube be carried, a buse consider over whatever hill, come absolut of houses or other resultle owner for some of these, some two, as in the case of the one we charged no fewer than five at that time. There

consisters amanhal on atriking the events—they did not explode-and incentinently disengaged an where, was death to all that breather.

It was harry this wancer bearing than the deniest smoke, so that, after the first turnplingue worth and outflow of its impact, it sank down through the air and poured over the ground in a the hills, and streaming into the valleys and ditches bonte acid gas that pours from volcanic slefts is instantly occurred with a numbery arms that such slowly and made way for more. The accordance absolutely translable and it is a stranger thing san ing the instant offect of the gas, that one could without burt. The yangur did not diffuse as a true

combined with the mist and moisture of the air and sank to the earth is the form of dust. Save that an unknown slement giving a group of four are still entirely ignorant of the nature of this Ozco the tumpituous unheavel of its dispersion was over, the black areolo elune to elonely to the of high houses and on great trues, there was a chance of escaping its palsen altogether, as was

THE room who exceed at the former place tells THE room who encaped at the strangement of its colling flaw, and how he looked down from the church spice and naw the houses of the village piolog lifes about out of its teles nothingson. For a day and a half he remained there, weary, stary, sky and argiest the prospect of the distant hills a valent black consume with and most armen trees and, later, binele-veiled shrubs and gates, berns,

But that was at Street Cohham where the Mark vareur was allowed to remain until it sank of its own accord into the ground. As a rule, the Marair of it seems by walker late it and direction a That they did with the wareer-banks wear on

we heard the sound of the hore views gross that had been not in position there. These continued intermittently for the space of a quarter of an hour, sending chance shots at the invisible Merbeams of the electric light vanished, and were replaced by a bright red class. Then the fourth cylinder fell-a brilliant green meteor-as I harst afterwards, in Bushay Park. Refere the guns on the Richmond and Kingston

returned. From there we could see the search-

lights on Richmond Hill and Kingston Hill coing to and fro. and about eleven the window rattled and

So, setting about it as methodically as men might smoke out a waspe' nest, the Martians spread this

strange stifling vapour over the Leadonward coununtil at lest they formed a line from Harwell to Coombe and Mahlon. All night through thely deatrustice tubes advanced. Name once often the Martian at St. George's Hill was brought down did they give the artiflery the ghost of a charge against them. Wherever there was a penalbility of of the black veneur was discharged, and where the guns were comby displayed the Heat-Ray was

By midsfold the blosing trees along the slanes of Richmond Park, and the glare of Kingston Hill threw their light upon a network of Nack amelia. blotting out the whole Valley of the Thamen, and extending an far an the eye could reach. And through this two Martines should maded, and The Martians were avering of the Heat-Ray that and average the appenition they had aroused. In proved even that sight at Street Cobham and

night was the end of the organized opposition to their movements. After that to bedy of men could that had been cht their autab fores on the Thomas refused to step, mutinied, and went down again The only offensive eneration men ventured upon offer that night was the supportion of miner and Bit-falls, and even in that men's energies were

frantic and amarredia One has to impoins the fate of those betteries towards Eaker, waiting so tensely in the twilight, as well as one may. Surplemen there were none One may picture the orderly expectation, the off-

their begun and wagons, the groups of civilian the evening stillness; the ambulances and hospital texts, with the hurst and wounded from Wesbridge; then the dill resonance of the shets the

over the trees and houses, and smashing ami One may picture, too, the sudden shifting of the attention, the swiftly spreading colls and hellyings of that blackness advancing headlong

towering beavenward, turning the twilight to s onlot of vapour striding upon its victims, men and abardened, men choking and writhing on the cone of smoke. And then, night and extractionnothing but a silent mass of impenetrable vapour

Before dawn the black vapour was pouring through the streets of Richmond, and the disintegrating organism of government was, with a last

to the necessity of flight. END OF PART I

What Do You Know?

If you wish to see a questionnaire of this kind every month, do not full to mark your reply on the

- In Mary supposed to be older than the Earth?
- - When is a planet in opposition and when is it nearest to the earth? (page 467).

 - What do you know after a possible application
- Is an automate distribution and dryer a possi-bility? (page 423)
- 16 What are harmostate? (cares 409 and 901)

- When severed arteries and veins are tied up with
- Is the stom smaller than the molecule? (page
- What is the atom made of? What are its name?
- Can the impre of stars he gotten upon the shoto-
- What is the second of Sixta? (sace 504)
- Taking organic poisons as colloids, how would
- What valuable mural is present in sea-water?
- What is the volume of the comm? (page 492). What ment you remember is a pseachuse descent? (page 474).

Beginning with October

AROUND THE UNIVERSE By RAY CUMMINGS

The TISSUE-CULTURE KING By Julian Huxley



"I thought I would one whether art could not improve a notice, and not aspect to recell equiviewed contry-degr . I stille the planticity of the certical steges to give de-

E had been for three days engaged in command in command as a warm. A think we were out on dry ground, winding up a pealle shall. Now the top to the brede even thicker. The look of a sungest gree as we approached; it had the aid of hoving been deliberately planted by men. We did not with to have to hack our way through the pilky barriewise so turned to the right along the freed of the green or turned to the right along the freed of the green.

down to what seemed a regular passage or trackway. This made us a little suspictors. However, I thought we had better make all the progress we could, and so ordered the curawan to turn into the opening, moved taking second place behind the

caravan to turn into the opening, myoelf taking second place behind the guide. Sodderly the tracker stopped with a gatural exclaration. I looked, and there was one of the great African toads, hoppin

Zeology in King'i Cellege, London, glora w
White to fire natives their set constraints: richy
end thought reactivenee having over hors here
to the set of the set of the set of the
Too, has a shoulder parts of \$1,000 for an exhator, has a shoulder parts of \$1,000 for an exhat iterative, which no for has a more from colorium
the same, morbe 10,000 years here the housan re
has properted for example to make trippetty a
has properted for example to make trippetty a
has properted for example to make trippetty a

in but as I moved forward, the creature took a couple
ut of hope into the skelter of the pricity scrue.

We posted on, and I became convinced that the
up we were following was artificial. After a little,
we a droning cound came to our ears, which we very
en coon set down as that of a human veloc. The entry

w a drouling sound came to our ears, which we very soon set down as that of a human veloc. The party own shalted, and I crept forward with the public period of the period of the period of the public down foto a bollow and were immeasurably dearticle generally and the period of the period of the general period of the period of the period to the period of the period of the period of the the biggest man. I had over ever seen softlide a circus

was squatting, from
time to time prostrating
the ferepart of his body
and reciting come prayer
or inconstition. The object
of his develor was be
fore him on the ground
it was a ramil flat piece
of of glass held on a little
carefed floory stand. By
his side was a huge spear
together with a plainte
basket with a lift.

the start browd divant is

I silence, then took up the eboxy-and-glass object and pinced it in the healest. Then to my utter amazement he drew out a two-headed tood like the first I had seen, but in a cage of waven grass, placed it

on the ground, and proceeded to more genufection The country at last began to alone cently down to a pleasant river-valley; and presently we meared

quilly regarded the landscape. distance attracted attention; glimpoes of color moved through the acreb; and a party of three or four dozen men were seen approaching, meet of them as elegably as our first accusintance. All marched in order, armed with great spears, and

wearing calored him strape with a port of sporran, telligent-looking negro of ordinary stature armed almost dwarfalt, with huge heads, and enormously fat and brawny both in face and body. They wore At sight of them, our giant rece and stood stiffy and halted. Some order was given, a giant starped basket, handed it stiffy to the newcomer, and fell into place in the little company. We were clearly witnessing some regular routine of relieving guard, and I was ranking my brains to think what the

whole thing might signify-goards, giants, dwarfs, teach-when to my dismay I heard an endomation It was one of those damned porters, a confounded fellow who siways liked to show his independence. taxtly erent up to see what it was all about, and the audden sight of the company of glants had been too much for his nervoy. I made a nignal to lie quiet, but it was too lain. The exclamation had been

giants rushed up and out in two groups to sur-Violence and resistance were clearly out of the custion. With my heart in my mouth, but with threw out my empty hands, at the same time telling the tracker not to shoot. A dozen arears seemed leader ran up the slope and gave a command. Two giants came up and put my hands through their arms. The tracker and the porter were herded in front of the arear mint. The other porters now discovered there was something amins, and began

to shout and run away, with half the spearmen after them. We three were cently but firmly rearched down and across the hollow I understood nothing of the language, and called to my tracker to try his hand. It turned out that there was some disloct of which he had a little undeestanding, and we could learn nothing save the

fact that we were being taken to some superior For two days we were murched through pleasant park-like country, with villages at intervals. Every animal would be visible, until I thought I had for Africa, its mad walls of strangely impressive architectural form, with their heavy, slabby buttreezes, and giants stending guard upon them. See ing us approach, they shouted, and a crewd poured out of the rearest cate. Mr God, what a crowd! was getting used to glants by this time, but here dwarfs; others like them but more so-one could mature shildren or horribly stanted adults; others ton, and rolls and volutes of fat crisping out of ciously scrile and wisered, others hateful and imbutile in looks. Of spurse, there were alcoty of ordinary negroes too, but enough of the extraordinary to make one feel pretty queer. Seen after we got imide, I suddenly roted something else which appeared inexplicable—a telephone wire, with pertree. A telephyno-in an unknown African town

BUT another surprise was in store for me. I saw a figure pass across from one large building to man. In the first place, it was wearing white durks and sun beliest; in the second, it had a pale face. stood looking a mement; then walked towards un-"Hallos!" I shouted. "Do you speak English?" and been talking suickly to our leaders, who treated him with the greatest deference. He

hears; the leader gave a quick commend, and the dropped back to me and speke ramifly: "You are but I will see to it that no harm comes to you. This is a forbidden land to strangers, and you must be propered to be held up for a time. You will be sent down to see me in the temple buildings as soon as the fermalities are over, and I'll explain things, lanch. "By the way, my name is Hascombe, lately lous advicer to His Malesty King Mgobe," He

> esting figure-perhaps fifty years old, spare body, hazel eyes. As for his expression, he looked cynical, there, and only I and the leader passed in. The examination was nursly formal, and remarkable

looking men in long robes who were our examiners My man were harded off to some compound. I wen ascorted down to a little hat, furnished with some attempt at European style, where I found Has

stumbled on the original source of supply of circus

As soon as we were alone I was after him with my questions. "Now you can tell me, Where are wo? What is the mousing of all this circus busi-

the Blood. So do we white man; but we do more-

reality, and with permission I will show this great magic." He beckened to the bearer who carried his precious microscope, set it up, draw a drap of

blood from the tip of his fager with his knife, and recurried it on a slide under a coveralin. The bigwigz were obviously interested. They whispered to

each other. At length, "Show us," commanded the

power which might make him a desirable servant.

They would not ask to see their own blood for

fear that the eight would put them into the power

of those who saw it. But they had blood drawn from a slave. Hascombe asked too for a hird and was able to create a certain interest by afforming how different were the little neonle of its blood "Tell them," he said to the interpreter, "that I have many other newers and master which I will

show them if they will give me time." The long and short of it was that he and his party were spared-He said he knew then what one

into the hands of this same tribe. That was fifteen years ago; and Aggres was now long dead-as the felt when the magistrate said: "commanded for a result of a wound inflicted when he was caught. weck."

He had been attracted by one of the elder states. men of the tribe-a tall, powerful-looking man of

the council chamber, and Hascombe (who had inmiddle-age; and was agreeably surprised when this rean came round next day to see him. Hascombe

later zicknamed him the Prince Bishop, for his commuch impressed by what he described as the exbination of the qualities of the statemen and the coolingly religious atmosphere. Everything was ecclesiastic; his real name was Rugola. He was as anxious to discover more about Hascombe's mysteseemed more priest than king, and performed varirious presers and resources as Hascombe was to

our rites at intervals, and priests were busy at some learn what he could of the people into whose hands sort of altar the whole time. Among other things, he had fallen, and they met almost every evening and talked far into the night, with blood. First the chief and then the councillors Burnla's impriries were as little preported as were in turn requisitioned for a drop of vital fluid Hascomba's by a purely academic curiosity. Im-

pressed himself by the references, and still more ha in a little vessel, was slowly evaporated over a flame, the effect which it had had on his colleagues, he was Some of Hascombe's men stoke a dialect not unanxious to find out whether by utilizing the powers like that of their captors, and one was acting as of the white man he could not secure his own adinterpreter. Things did not look too favorable. The vancoment. At length, they struck a barquin, Rugala would see to it that no harm befell Hascombe. But Hancombe must dut his resources and powers

at the disposal of the Cornelly and Rossia small take good care to arrange matters so that he him-Burels imprined a radical change in the national religion a cost of reformation based on Hancombale conjuring tricks; and that he would emerge as the

croams, at least for the present. That being an why

not take the opportunity of doing a little research

High Priest of this changed system. Hascombe had a sense of humor, and it was tickled. It seemed pretty clear that they could not

the debate was what to do-to kill, let go, or en-

they let well alone, and did not tresputs. White slave? To let them go was contrary to all their principles; the holy place would be defiled if the

how do you come here?" He cut me short, "It's

to give a more connected account, the result of

Hascombe had been a medical student of great

promise; and after his degree had launched out into

and from that to a study of developmental physpess had been organized, and Hascombe, restless

and eager for travel, had pulled wires and got him-

self appointed as one of the scientific staff sent to

annelscone. When he learned of the extensive mi-

grations of game, he saw here an important pos-

sible means of spreading the disease and asked leave

to so up country to investigate the whole problem.

When the Commission as a whole had finished its

work, he was allowed to stay in Africa with one

other white man and a comment of porters to see

what he could discover. His white companion was

sioned officer of science called Aggers.

after a couple of years, trying to escape.

onlored creatures. Hascombe had an idea. He turned to the interpreter. "Say this: You revere

ZING STORI

work at state expense—an opportunity which has and his like were always chuncing for at home! His thoughts began to run away with him. He would find out all he could of the trian and super-week and the could not be the state of the property of the state of the stat

It would not be worth my teaching to tell all the negatiations, the fisic starts, the wisunderstandings. In the end he secured what he wasted toulding which could be used as a labecatory; as unlimited supply of slaves for the lower and prices for the higher duties of laboratory assistants, and the gromus that when his actentific stores were exhausted they would do their beat to sacron others from the case—a promise value was enrophouly reached the contract of the many conditions.

He max agolds himself dilipsuity to a study of their religion and found that I was balls round various main mattifs. Of these, the central one was the belief in the divinity and terresolutes improed anosator-worship. The third was an animal cult, in particular of the more protespus species of the African fauna. The fourth was set, one suriestont, experimental entry belong reducing training in, a tificial purchasiopsessis. He intughed and sud to abmodif: Well, at least I can II; and it ought to

THAT was how it all started. Pedaga the best way of giving some idea of how it had developed will be for me to tell my own impressions when Hascombe took me round his inheratories. One whole quarter of the town was devoted entirely to religion-it struck me as excessive, but Hascomba reminded me that Tibet spends one-lifth of its rev-Facing the main square was the chief temple, built impressively enough of solid mod. On either eids were the spartments where dwelt the servants of the gods and administrators of the sacred rites Behind were Hascombe's laboratories, some built of ared, others, under his later suldance of wood They were guarded night and day by patrols of giants, and were arranged in a series of coad, rangles. Within one quadrangle was a pool which served as an aquarium; in another, prieries and ous animals; in the fourth a little botsnic gardon Behind were stables with dozens of cattle and sheep. and a nort of experimental word for human beings. He took me into the passest of the buildings tory (it is difficult to give the exact sense of tha word, but it literally means producing-place), the platoens of buxom and shining African nomen, becomingly but enusually dressed in tight-fitting

white dresses and cape, and wearing rubber gloves.

respitation from which steem was energing. The back of the room was nerved off by a weeder across in which were a series of glass doors; and these doors operad into partitions, each loseline with a name in that tanknown tempts, and each containing a number of objects like the one I had sent taking as number of objects like the one I had sent taking as on the survey of the contraction of the content. Pipe a survenised that chamber, and apception. The content is not to be distributed to the concount.

"Plattory of Majesty!" I excluded. "Wildrowing

of Immarkality! What the diction of you mean?
"If you perfor a more promain tunne," self like
conte, "I should ealt this the institute of Religious
Tissue Galure," My mild went hack to a day; 1918 when I had been taken by a biospeked friend to
New York to see the famous Recoloriste Institute,
and at the word tissue culture I naw again before
mo Dr. Alexie, Garrell and tresport of whitle-graded
Amartena girls making cultures, sternilising, microseconities, incarbality and the rest of it. The likes

but it had an even larger, if differently colored, persensel.

Hascomb began his explanations. "As you probably know, France's 'Golden Bouth's introduced us

to the ties of a succed prietricking, and showed how transversely related to the priestive solicies. The soil randownstal is well as priestive solicies. The soil up with that of the King, and extraordinary transcriptions or takes to proserve him from barns. In excellent as takes to proserve him from barns. In charge the soil of the proserve him from barns. In admitting the soil has all solicies and the soil of the soil of

supposed that the illnesses and misfortures that might be full the Killnesses and misfortures that might be full the Killnesses and misfortures that it first of all ringed up my apparetus, and with the sid of Aggers, ascessed in getting need cold that the sid of Aggers, ascessed in getting need cold confrequentiate, of various dulft mammalian tissues. I thus went to Bugala, and told him that I could here see the needers, if not of the Kilow as mirdillectures the needers, if not of the Kilow as mirdillectures the needers, if not of the Kilow as mirdillectures.

vidua, it least of the life which was in him, within it least of the life which was in him, and that I presumed that the mails be qualify acidelle-side of the life within the least of the life within the li

portions of His Majesty's subcutaneous connective trison under a local annestee. In the pressures of the ascembled nobidity I put fragments of this into "A very cubcure treaties on a division of Roman mythol-

very cluborate treation on a division of Roman mytho specially on the cult of Diana.

of all but each cultureholder would possess an acnite joy and privilege of aiding by his own efforts

Then they could also serve their country by dedicating a daughter to the citie. These women women would be housed and fed by the state, and tanglet

the technique of the sacred culture. Candidates would be selected according to general fitness, but would of course, in addition, he required to attain distinction in an examination on the principles of religion. They would be appointed for a replantionary period of six months. After this they would receive a permanent status, with the title of Sisters of the Sacred Tissus. From this, with ace, expe-

rience, and merit, they could expect promotion to the rank of mothers, grandmothers, great-grand mothers, and grand appostresses of the saves. The marit and benefit they would receive from their overflow on to their families. The scheme worked like wildfire. Pige, goats, eattle, buffalces, and nagro maidens poored in Next

a peripatetic laboratory making the rounds weekly By the close of the third year there was hardly a one sarred culture. To be without one would have been like being without one's trousers-or at least without one's hat"-on Fifth Avenue. Thus did Rupula affect a referention in the national religion enthrone himself as the most important personant

great resistance simply on account of its being an in the country, and entrench applied science and Recouraged by his success, Hascombe soon set out to carture the ancestry worship branch of the religion as well. A public proclamation was made

be if worship could be made not merely to the still actually fiving and growing. All who were desirous of profiting by the enterprise of Bugala's Department of State should therefore bring their older relatives to the laboratory at certain execufied

This, too, proved very attractive to the average

citizen. Occasionally, it is true, grandfathers or aged mothers arrived in a state of indignation and protest. However, this did not matter, since, according to the law, cace children were twenty-five years of age, they were not only assigned the duty were also given complete control over them. In order that all rites might be duly performed to the greater and, what was more, that once accomplished, it had

the most desirable results. For their descendants

an ebeny helder. Sub-culturing would be done at to send the cultures for remewal. If through any

incubator, under a guard-relieved every eight hours of half a dozen warriors. After three days, growth. I could see that the Council was impressed, that this growth constituted an actual increase in the quantity of the divine principle inherent in roy-

alty; and, what was more, that I could increase it indefinitely. With that I cut each of my cultures into eight, and sub-cultured all the pieces. They were again put under guard, and again examined after three days. Not all of them had taken this time, and there were some murmurings and angry King: but I pointed out that the King was still the and that any successful cultures represented so I must say that they were very reasonable, and had good theological acumen, for they at once took the

"I rointed out to Bucala, and he persuaded the disregard some of the older implications of the docwhich I was able to introduce was many-production. Our aim was to multiply the King's tissues indefinitsly, to enoure that some of their protecting Thus by concentrating upon quantity, we could afford to remove some of the restrictions upon the King's mode of life. This was of course agreeable to the King; and also to Bugala, who saw himself wielding undragnt-of power. One might have sup-

"Having thus settled the principle, I had many What an opportunity for erientific advertising? But, unfortunately, the population could not read.

HASCOMBE organized a series of public lectures in the capital, at which he demonstrated his regal tissues to the multitude, who were bidden to the place by royal heralds. An impressive platform group was always supplied from the ranks of the was for the community to become possessed of expensive, and it behooved them all to lend a hand. It had accordingly been arranged that to everyone three coats, pirs, or sheep-a portion of the royal

AMAZING STORIES which they would continue to worship after the old "Tampering with the post-pituitary gave remark-

folks were gons, and so left their persons and grandparents such freer than before from the beforequality bely Thus, by almost every hearth in the kingdom, instend of the old-fashioned rows of red iars containfamily forbears, the new peneration now growing

taken out and reverently examined at the bour of prayer. "Grandpapa is not growing well thus weak," you would perhaps hear the young black devetor speck of tissue; and if that failed, it would be taken hand, what rejecting when a rhythm of activity

great-grandmother's tissues would being her wripkled old smile to mind again; and sometimes it are med as if one particular generation were all stirred simultaneously by a pulse of growth, as if combining to bless their devout descendants. To deal with the possibility of cultures dving out. Hascombe started a central sterehouse, where dupli-

pository of the national tissues which had attracted collection had ever existed before, he assured me. Not a necropolis, but a histopolis, if I may coin a word; not a cometery, but a place of eternal growth. THE second building was devoted to endocrine

ed by the people the "Factory of Ministers to the "Here," he said, "you will not find much new You know the crace for 'glands' that was going on at borne years ago, and its results, in the share of medicious, and a popular literature that threatened

to outdo the Freudians, and explain human beings entirely on the basis of riandular make-up, without "I had only to apply my knowledge in a comparatively simple manner. The first thing was to show Bugula how, by repeated injections of pre-pituitary,

This pleased him, and he introduced the idea of a sacred bodyguard, all of really gigantic stature, quite overshadowing Frederick's Grenadiers "I did, however, extend knowledge in several di rections. I took advantage of the fact that their religion holds in reversion monetrons and imbedie forms of human beings. That is, of course, a commen phenomenon in many countries, where halfwits are supposed to be inspired, and dwarfs the object of apperstitious awe. So I went to week to create various new types. By employing a particular extract of adrenal cortex, I produced children who would have been a match for the Infant Heren. les, and, indeed, looked rather like a cross between him and a brower's drayman By injecting the same extract into adolescent girls I was able to provide

they found ready employment as prophetesses,

able cases of obesity. Thus, together with the nantook advantage of, and I believe made outle a for tune by selling an consulting female slaves treated in this way. Finally, by another pituitary treatment, I at host mostered the secret of true dwarfism, in which perfect proportions are retained.

"Of these productions, the dwarfs are retained as acolvies in the temple; a band of the obest young special religious duties, which, as the embodiment of the national ideal of beauty, they are supposed to discharge with peculiarly propitious effect; and

the giants form our Regular Army, I confess I have not yet solved. Like all ruces who could apply Jacques Loub's great discovery of artithese young ladies, I should be able to grow a race

in concentrated form should attach that revenues ways remember that it is no good proposing any line of work that will not benefit the national religion. I suprese state-sided research would have much the same kinds of difficulties in a really forms. cratic state. Well this, as I say, has so far besten me. I have taken the matter a sten further than Rataillen with his fatherless from, and have induced parthenogenesis in the eggs of reptiles and ever, I've not given up vet!"

Then we passed to the next laboratory, which was full of the most incredible animal monstreeities "This laboratory is the most amusing," said Heacombs, "Its official title is Home of the Living Fetishes.' Here again I have simply taken a prevawhich to harg research. I told you that they all ways had a fancy for the protesome in animals, and used the most binarre forms, in the shape of little

chy or ivery statuettes, for fatishes. "I thought I would see whether art could not im prove upon nature, and set movelf to recall my experimental embryology. I use only the simplest methods. I utilize the plasticity of the earliest

stages to give double-beaded and curlorens were by Spemarn and fish by Stockard; and I have merely applied the mass-production methods of Mr Ford to their results. But my specialties are three besided suskes, and toads with an extra beaven pointing head. The former are a little difficult but there is a great demand for them, and thes fetch a good price. The from are easier: I simply arely Harrison's methods to embryo tadpoles.

like the others, this contained no sirms of research them with the meet copious mustaches, after which

black hangings, and lit only from the ton. In the centre were rows of cheay benches, and in front of them a rittering colden ball on a stand.

and see what it's all about, for it really is inter-You may imagine that I was pretty well flablerguated by this catalogue of miracles. Every day ! get a talk with Hascombe, and gradually the talks I have really hardly thought of it these last few years. It seemed so impossible at first that I delift-

and more energy, I might almost say fury, to my "Not wonst to?" I contained: "sarely was con't mean that? "I am not so sure," he rejoined. "What I meet

want is to get ahead with this work of mine. Why, it is all growing so fast-I can see every kind of But he would not leave his work.

THE experiments which most excited his imagi-THE experiments which more exemple into mass telepathy. He had received his medical training at a time when abnormal psychology was still very thrown in contact with a young doctor who was a been introduced to some of the great ploneers, like In the early days of his captivity he became inter

knowledge of the literatura

ested in the sacred dances which took place every tions of the celestial powers. The dancers all befigures, symbolising various activities of the chase, coremonial bench. He then begins to make pesses that a few seconds sufficed for them to fall back in he said, the most startling cases of collective hypnosis recorded by the French scientists. The leader whispering a brief sentence into each ear. He then, according to immemorial rite, approached the dancers to perform," the King would thereupon the energies of the state; or (and this was what the

invisible enemies, or threw themselves on all fours and reared as lices, or galloned as releva, or danced as crance. The command executed, they stood like one to the other, toucked each with a finger and shouted "Wake," They woke, and limp, but conactous of having been the vessels of the unknown spirit, danced back to their special but or club-This susceptibility to hypnotic suggestion strack Hascombe, and he obtained permission to test the

performers more closely. He soon established that the people were, as a race, extremely prope to dissociation, and could be made to large into deep hypenosis with great ease, but a hypoceis in which the subconscious, though completely out off from the waking self, comprised particus of the personellty not retained in the hyunotic selves of Europeans cal cardie, he had been interested in the notice of telepathy; and now, with this supply of hypnotic subjects under his heads, began some real investi-

my future to his perverted intellectual ambitions By picking his subjects, he was soon able to deveconstrate the existence of telepothy, by making seggestions to one hypnotised man who transferred a distance. Later-and this was the calmination of to several subjects at once, the telepathic effect was time-the hypnotized minds were reinforcing each other. "I'm after the super-consciousness," Hascombs said, "and I've already got the redimenta

> I must confess that I got almost as excited as Hascombe over the possibilities thus opened up. It certainly seemed as if he were right in principle. If all the subjects were in practically the same navchological state, extraordinary reinforcing of wally, however, we discovered that it was possible to tune hypnotic subjects to the same pitch, if I may use the metapher, and then the fun really

First of all we found that with increasing rein forcement, we could get telepathy conducted to transmit commands from the capital to the national boundary, nearly a hundred miles. We next found that it was not necessary for the subject to be in bymacels to receive the telepathic command. Almost everybody, but especially those of equable temperament, could thus be influenced. Most extraordinary of all however, were what we at first christened "near effects," gince their transmission to a distance was not found possible until later. If, after Han combe had suggested some simple command to a Whatever the command, the hypnotined men would right up among them, we would experience the most

extraordinary assession, as of some apperhaman personality repeating the command in a menacing and overwhilming vary and, whereas with one part
of ourselves we falt that we must carry out the
teleprature of the command, with a machine we first if I may say on, as
if we were only a part of the command, or of seenthing words have the countries with the comthing words have the countries of seenof matal for a marrically reference the affects one
of matal for a marrically reference the affects one
of matal for a marrically reference the affects one
of matal for a marrically reference the affects one
of matal for a marrically reference the affects one

menting. And this Hancombe island, was the first real beginning of the super-consciousness. Bayasl, of course, had to be considered. Hancombe, with the old Thetan prayer-wheel Hanback of his mind, suggested that eventually he result to able to mince by proceed in the whole population, and then transmit a prayer. This would concer that the fully prayer, for instance, was

ulation, and then transants a prayer. This weaks cause that the daily prayer, for instance, was really as'd by the whole population, and, what is more, situation-coasty, which would unshall much chance its efficacy. And it would make it posistle in times of calcularity or battle to keep a whole graying force of the nation at work for long applits long-ther.

B UGALA was deeply intreasted. He saw himself, thereast his seast needbarry, planting such ideas as he wished in the brain-asses of his peculiars. He saw himself willing an extery and the whole population received willing an extery and the whole population received the first contract the description of a normal period of terrate to assent the demand and the contract of a normal period period of a normal period of a first terration, which has been the projection of a normal period period of the period

owal status than the methods Mesself; sad, qualify naturally, we sould not refuse him, though I must say that I offers felt a little uneary as to everyful Buccome and the start experimenting on the sees. This, excelled with my constant lines ing to get wany from the place, had not occur alout again for means of access. Than it occurred to me that this very modeled about which I had such that this very modeled about which I had such

key to our prison.

So con they, after setting Haseconle worked up the control of the control of

your disposal? You can than get a battery of two handrod men, and after you have turned them, the relationment will be so great that you will have at your disposal a mental force big enough to affect the whole population. Thus, of course, one fine day the highest possibilities will be a more discussed the highest possibility level, our more discussed in the highest possibility level, our many discussed as general hyroxide influence. The whole country, man, women, and difficus, would aim kin does sturned, when we should give our experimental squad the sanguable to be monofester thesp for a week. The ability and any support of the property of the p

sugglature to unusually applied to such of the thus said of mixed well-the receptively for it, and would be receptively for it, and would be receptively for it, and would supply the receptive for it. The receptive for its supply that the receptive for the receptiv

, selves. We had not informed Sugals of this property of model.

Hissournbe was silvest. At length the spairs, "2" like the ties, he said; "illust to think that if he do get kink to Regland and to adventive recognition, my decovery will have given me the means of example."

From that moment we worked auditionarie to see.

From that memorit we worked anxietiestily to perfect our middle and our prima. After about five months everything assemd propristous. We had penvisions packed away, and conveyasses. In the least leved to keep my ritle, on promise that I would never disaburges it. We had made friends with some of the max with went trading to the caset, and had out from these self-the information we could also del from these self-the information we could also

At lest, the sight arrived. We assembled our men so if for a ordinary process, and after hypothesis had been induced, started to ture them. At this revotent Bugules came in, manneaused. This was what we had been arried of; but there had been no means of preventing it. "What had be do?" I whitepred to Hascombe, in English: "Go right sheet and the darmed it it!" was he assware; "we can get then to shop with the rest."

Be we welcomed blung and gave bits a seat as never.

as passile to the tjeth/passied ranks of the performers. At length the great prize were fashed. Hassends west into the pulph and sald, "Atomite to the words which are to be supposed," There was a slight stiffening of the bedies. "Simp?" and Hassends. "Greep in the command commend at in this lend to steep unbreaked," "Rogale kept up with are exhaustice, but the induction had already beyen.

We with our noted coversion were furnate. But

Bugala was struck by the full force of the mental current. He such hade on his chair, bettless Fura few initiates his extraordinary will resisted the suggestion. Athesuph to could not move, his narry gave were open. But it keight be uncombed, and We below force in starting, and made gaved progress through the silent exentry. The people were stilling about like were furnars. Wersen and atless stilling about like were furnars. Wersen and atless stilling about like were furnars.

by their mile-pails, the case by this time far away. Fat helifod miked children slept at their games. The bouses were full of aleepers sleeping upright round their food, recalling Wordsworth's famous "party," in a partyr."

in a parbor."

So we went on, feeling pretty queer and nonrely believing in this morphic state into which we had plunged a nation. Phasly the frontier was reached, where with extreme claims, we posed an immabile and glannile frontier guard. A few miles further we had a newle wild mad and a door. Our let' was

rather heavy, and we decided to jettisen some superfluors weight, in the shape of some food, spectmens, and our notal headpear, or mind-protectors, which at this distance, and with the hyproxis wearing a little Bit. ware, as thought, no larger necessary. About mghtfall on the third day, Hascombe sud-immovable. He must go back; he knew it; he saw

daily stopped and turned life head.

"What's the matter?" I mad, "Have you seen a linn?" His reply was completely unexpected. "No. I was just wondering whether really I ought not to go bock again."
"Go back again," I cried. "What in the name of

"Go back again," I oried. "What is the name of God Airnighty do you want to do that for?" "It endelsays struck me that I ought to," he said, "about five minutes ago. And really, when one comes to that of it, I don't suppose I shall ever get such a chance at research again. What's more, this is a dispersis journey to the coast and I don't

this is a dangerous journey to the coast, and I over expet we shall get through alive."

I was thoroughly upset and put out, and teld him to. And suddenly, for a few moments, I felt I must

go back too. It was like that old friend of our beyhood, the voice of conscience.

"Yes, to be sure, we ought to go hack," I thought with forwer. But suddenly checking myself as the

with forver. But suddeely checking mysidf as the thought come under the play of reason—"Why abould we go back!" All serts of resourse were preferred, as it were by unseen hands reaching up out of the hidden parts of me.

A ND then I realized what had happend. Bugalla had wasdu up: he bad wired out the supprestion

piece put in another. I could see him thinking it as the oming device on most spite, bine ceedil south of the country of the c

the moreout I alongly easy what had happered in a fash. I told Hoscombe, I showed him is must be to, that nothing sho would account for the sudden change, I begged and implored him to use hit reaamp, to atthe to his deciden and to come on. How I regretted that, in our dealer to discard all usakes wugkt, we had left behind our metal telepathy-

But Hascombe would not, or could not, see my point. I suppose he was much more imbed with all the feelings and spirit of the country, and so more susceptible. However that may be, he was

sender relation. All the time the suggestion was suches; most too, and finally if till shift if it do not such as the such as the such as the such as the balatery of will, I should seconds as well as he. "Hascarsin," I said, "I sum gripto, or. For Garb, sake, come with new." And I shouldered my park, sake the such as the such as the such as the subject of the such as the such as the such as days after me. Set finally be turned, and, in picks step after me. Set finally be turned, and, in pick step after me. Set finally he turned, and, in pick of top frequent parses and shout to be not to follow of top frequent parses and shout to be not to fine of top frequent parses and shout to be not be not to the following the subject to the subject to the subject to the results and the special part of the subject to the results and the subject to the first the subject to the first the results and the subject to the first the subject to the first the results and the subject to the subject to the subject to the results and the subject to the subject to the subject to the results and the subject to the subject to the subject to the results and the subject to the subject to the subject to the results and the subject to the subject to the subject to the results and the subject to the subject t

I kept var quick about up absenteres only given up that the support of the law of the la

more, side for my years. I want to get the story of my clear. Beloise, oil wor like sevenshing and my clear. Beloise, oil wor like sevenshing and which I now feel I must take. The quotient I want to raise is this. I've Hoocome detailord to an assurable to read the sevenshing the sevenshing to the sevenshing the sevenship to the sevenship that the sevenship the se

However, I am an oldish man now and, what is

The RETREAT TO MARS



The second porty exceeded in tracking a silver as sense; the control of the contr

THE RETREAT TO MARS I forty-free mutates with this sening*(2).

CHAPTER I

IIE san had dipped below the western

iiills, leaving a gorgeous mass of color

in the wake. I stood there as the twi
gait arch awapt up from the east

watching the shadows croep over land

turned Mcod-red under the last glancing rays of the sum. Many times had I watched the setting of the sur and the evening shadow, while the measuito hawks hovered overhead with that plaintwe cries or plunged whirring downward upon their pury Never twice the same that picture beld ms, until

or planged whitring downward upon their pray. Never twice the same that picture held ms, until the city lights egrams into being in the distance and the flashing lights of the sentinels of the coast pierced through the glosming.

As I turned away to been my night's work the

As I turned away to begin my night's work the crusch of footsieps on the gravel path broke the stillaces of the evening. An olderly, bearded man approached. Be had come up the trail and I had not noticed him satil he was nearly upon me. Vistors to my little observatory are not uncommen. A few, those who show interest more than

curroncy, are anowed to look unrough the instrament, on the rare consistent when it is not engaged in pholographic or spectrographic work.

"Mr. Arnold?" queried my visite as be appreached. "I hope that I am not introlling. I tried to get you on the 'phone teelay, but was unaccessful, and having hear told that I would find

accessful, and having hean told that I would find you here, I took the liberty of coming to see your "I am jost about to open up for the night" said I, "and if you don't mind my carrying on with my work..."
"Not at all, not at all," he replied, "I can talk to you just so well—that is, if I will not be in your

way!"
Having been assured that he would not trouble
me, he followed me into the observatory and
watched while I opened the shutters that covered
the aperture of the dome.
This dome and my right-accession girele set I

turned the telescope on the first star of my evening's program.

When I had started the exposure, and entered

my dear sir, if I ap-

hospitable, but I am

hefore it owto too far

west for observing" I ex-

This will measure on yo-opener. The galler of that well present on yo-opener. The galler of proposale on enterthy even and interesting theory proposale on enterthy even and interesting theory the arigin of meabled in this world, and are fare effect organized for his contention. The interesting theory of the present the proposal of the present of the

of now in to help the star's image on the cit will arrow a niche all by time! so of the spectroscope.

"In noticed that you were expand in spectrographic work," he remarked.

"How long will your occourse be?"

"How long will your occourse be?"

*(1) Spectrogrees. A photograph of the spectrum

"Apparently you have been resulting my piners," I cold, "No, conditions are not nearly at thorself all ones at they were at the time that other work was done. If I have to live a thousand year. I doubt if I should ever see other nights to equal those four,"

"Yes, I did read those papers of yours," he replied. "They are the cause of my presence here that evening. I am Hargravan, of the Stefithensian.

beside me while I explained things to him. When

"In this seeing anything like it was last November when you made your remarkable observations

you care to take a look at it?"

He climbed up the observing ladder and stood

Institute."

I took his preffered hand. Hargraves was a well-known archaeologies, though I roust confess that I about in there known of him except by chance on placeing through "Sichere Abstracts" a few weeks previously. I happened us an abstract of a nearer of his which arceade my currently, and

had leshed up the original, which had proved highly interesting.

I admitted as much to him. He inuphed. "We work in different spheres, as a rule" he said, "hat this time I am otopping into yours. That was a great fight you had with Krisson and his assectation.

great fight you had with Krassen and his associates over Schiaparelly "consist"
"Wasan't it," said L "The trouble with those chaps so that they do not know what good seeing is really like. They have, perhaps forty or fifty clear hights a Your, note of which herein to commerce

nights a year, none of which hegin to compare with our pool nighta. Then, because they have a fifty-four link refrictor? (3) against my twentyfour link, they think that they are much better able to see fine detail thin I am. Let me tell you, better listrayers, those four nights were perfect, better listrayers, those four nights were perfect, power (4) of four thousand and there such that the silicitud trappor in the image. Had ny delytingthe silicitud trappor in the image. Had ny delyting-

> "I know," my compusion replied. "Every detail of your drawings was correct. You may wender how I—an archeologist know anything about the planet Mars, but I have a

hig surprise in store for you."

I looked at bim in ansayment.

*(2) Seeleg. The quality of the observing conditions. For third-team seeing the atmosphere mans be very steady and the dy clear. Such series in, unifortunatively, extremely rare.
*(3) The use of a bilinous is denoted by the dismeter of he iron, or, in the case of a reflection, of the pilitre.

of travel. Famine, thorst and fever played their "I have made some discoveries that I think no one normal reliant with the result that my two white over dreamed of. As you are probably aware, I communicus were get of the game before two years

have only recently returned from Africa after a I needed for in the paper I have already man some startling discoveries in Africa as to the

origin of manicind. . . discoveries which overthrew previous theories about the origin of man, but the exact nature of his find was not to be made public until such time, when the records

"Durkest Africa" were fully decimbered. "Some years ago," he continued, "I became convinced that the rise of mankind took piace, not

"This belief thrust itself upon me as I was writ

ing a book which I never published; a book which the place of its origin, over than globe of ours. I amount of data which led, when I came to piece it together, to Central Africa, I thought must exist in my work, but the trail

"As you are aware, this was contrary to all earlier evidence, so I did not care to propound my theories without further recroberation. On conselting with the heads of my department, having the evidence before them, it was decided to orgardee on expedition to see if any fresh data was available on the ground itself.

"The expedition, a small one as such things go, was organized and led by myself. It was successtion. To you, however, I would like to show what we have found, the understanding being, of course, that it shall not be diveloed until my work is finished. Could you come and see me at my hotel? I will probably be in town for a week, anyway," "Why not come and spend temorrow evening with

So we arranged it

Having finished the spectrogram, I showed my companion what I could of my equipment and turned the telescope upon a few of the show chiects in the heavens, which delighted him immersaly After this I saw him safely started down the trail equipped with a flashlight to light his way to the

Throughout the night I could not keep from wen could be competted with the planet Mars. The

THE following evening found us comfortable pettled in my den. I was easer to hear him atory.

"I am not going to prolong my story with the details of the hardships of our journey' Hargraves began. "It is the usual stuff one reads in books

had possed. One died, and the other had to be excerted back to the casat, where he aubsorpostly "With a handful of native beavers, I pressed only to be disappointed time and time again. We moved slowly and laboriously through unexplored work other than that of the natives.

on with the search, following every clue and rumor, "I was laid up in camp with an attack of fever when another rumor was brought by a native who

had beard of our quest. This time it was subshaped piece of metal. This was, in form somewhat like a shockern and printed in two places with an uncenious form of ball and-socket loint. On other pieces attached to the central portion, which had evidently been anapped off. Where the metal showed its broken surface it was bright and grystalline in amearance, so that I undeed the

break was of recent date. At first I thought that for the surface was bright and shing, "Taing there in my blockets. I questioned the messenger through my interpreter, but I was assured that it was just as it had been found some years before. The metal of which it was made was unknown to me. It looked like steel, with a lustrous surface, but it weighed no more than an that it was extremely hard; even a file would leave

"From what I could gather it had been nicked up in a valley bring some ten or eleven days' journes his tribe had ventured in on a hunting expedition area in question is looked upon by the local tribes as the abode of the dead, and it was only when starvation threatened, and hunger overcame their fours, that they daved to nenetrate this forbidden

no mark upon it.

"Impatiently I waited until I was well enough to travel, then we set out with the messenger as a guide. Gradually the character of the country changed until the swampy, fever infested jungle gave way to a rolling park like country. "Our way led steadily upwards until on the ninth day we were moving over a verdant plateau which

was alive with small game. My little pocket anaroid baremeter showed us that we were about four thousand five bundred fact above any level. That evening we carried at the foot of a low range of we should enter the fortoiden valley.

us at the extrance to a little valley bounded by low The hills on either side were gloriously green, betokening a generous supply of moleture, the narklike character of the valley being enhanced by occasional groups of a species of oak tron, and here and there patches of a flowering shrah whose scent filled the valley with a delicious odor. The bark of this bush, I learned, was used by the natives in list of tobacto, and it was not half had an a substitute, I can assure you, especially after one had been many months without the comfort of

"It was with the greatest difficulty that I perafter I had presented him with a charm in the share of a ring, which I had to assure him would ward off all danger, dod he consent to enter the val-

"Late that afternoon, we arrived near the spot where our quide had found this metal chuest. We made camp at once and I set out to survey the

"About a quarter of a mile from the camp the floor of the valley narrowed, hounded on the one side by a steep cliff and the other by a ridge which ran out at right angles from the southern slone This formation immediately aroused my currenity rock here, which kept the fired-waters of the atream from removing it. Besides, I was anxious to learn semething of the guological formations of

this district. "Attended by my guide, I walked down the vallay towards this formation. Sure enough there was an outcrop of rock on the north side, a hard limestone formation whose foot was kepped by the waters of the stream. Weding through the shellow water, we crossed over to the south hank

I saw what at first I took to be a rib of rock reaching into the stream. On closer inspection I saw that this was, not rock, but metal. It was acraping away the soil above the fleed level I ex posed clean out edges. A rib of the metal ran hack into the hillside.

WITH a sharp stake I probed the soft, learny soil and was able to truce the direction of this rib up the hillside for a distance of perhaps thirty fost, where the covering became too deep for my prote to penetrate. Marking the spot where I could last feel it. I skirted the cost and west sides of the mound with the hope of finding auother clue, but I could see nothing. "The tropical night shut down with its usual

our way back to camp, where the light of a fire danced and flickered in the evening air. How I wished for a bettery for my flashlight. The butteries, however, had periched long use in the steaming jungle air, and I had to wait until member "I know how you felt." I interrupted. "I expe-

rienced the same feeling last night." Hargraves smiled and continued "That evening I set the boys to week to construct

serve my purpose in that light soil "Long before daylight, the camp was astir, and up the hillside, covered by some four feet of earth. "I now saw that it might save time to have a mound, so transferring two of them. I directed them to clear away the top soil, while the others continued to trace the rib up the hillside. "Two hours passed when a shout from the top told me they had made some discovery. When I

over and we were on our way to the mysterious

mound. Setting the boys to work at intervals

along a continuation of the line I had already

traced out, the metal rib was seen located higher

arrived these they were clearing away the dry scal from what appeared to be a flot metal surface. Calling up the other boys we were soon at work removing the earth from the rounded top of the "Little by little the metal surface was laid have,

showing it to be, not flat, but rounded with the exposed slope falling towards the stream. Late that spherical surface. Here a smooth wall dropped away at an engle of texty-free degrees with the size was also revealed. We laid have another metal

rib which lay in a line with the first over "Again night out short our work and tired out from exertions with my reimitive shovel I fell asless directly after supper, to wake and find the eastern sky reddening under the says of the rising

"Working down the convex alone we eradually a crack in the hitherte unbroken surface. As the soci "Where the waters had removed the surface sail was rapidly removed we exposed a circular plate set flush in the metal. Near the periphery and dis-

we rapidly deened out, showing them to be let in the plate at an angle of perhaps thirty degrees. "With the aid of the boys I tried to lift this cover, or whatever it might be, but it seemed to he as solid as the rest. A close scratiny of the edge, which was a little ranged in one place, made

me think it might be threaded. With this in mind I placed two stout sticks in the hales and attempted to me to try the opposite direction. Throwing my same on the other side I omaved to turn the plate care more. Suddenly we more both surreging on our hands and knees. The plate had turned. auddenness duries my investigations, as we wonded "Unmindful of my bruises, I jumped to the plate,

> turn, rising higher and higher from the surface in which it was set. When it stood fully eighteen inches high we came to the end of the screw and metal aside. Subsequent measures shored it to be twenty-eight inches in diameter and twenty "We had uncovered a bale some two feet deep,

at the bottom of which was another viste. Arranged in the form of a square of twelve on a side were one hundred and forty-free accelly speed circular holes, each one about half-an-inch in dipicked these up and examined then one by one.

They were similar in shape and size and were in "You can imagine my tourner to a year. Sac-

the form of a caretal letter T. Each of these were slotted across at various points, but no two in exactly the same manner, and on them were en-

"The thought struck me at once that these things so I tried one in a hele where it fitted snugly, Now, I soked myself, into which hole did each key fit. six keys, so there were evidently 1441/138! (1) using all of them. Out of more than eight trillion ways of doing a thing with only one of them cor-

rect, the chances are somewhat against one's hit-"You might hit it once in a million years," I lapobed, "if you could keep on trying that long," "Well" he continued, "I saw that there must be some solution to my problem, so I looked for a cipe

and found it. One of the corner holes was marked while the one diagonally opposite looked like this."

He drew these figures as he spoke.

"On the place, above what I took to be the top 1 L L + 4 + T T T F 4 "After conving these down in my note-book, I

twelves, both in the number of holes and the numher of symbols, it might be possible, I thought, that the duodecimal" system was used by those who had made this thing. Following up this thought I saw that the symbols were, in order, zero to eleven according to our notation, beare the

ing holes and as I did so I felt the wards of the lock mechanism engage with the slots. Turning the keys as far as they would go I was now able "It was thinner than the former one, being about a feet or so thick, and as we lifted it I noticed that

a number of radial burs on the underside had slid back into their sockets. (1) 1441 - 1381 Factorial 144 divided by factorial 138 is $144 \times 143 \times 342 \times 141 \times 140 \times 130 - 8,021,960,960,000 + 31 - 3 \times 2 \times 1$, $41 = 4 \times 3 \times 2 \times 1$, etc. *Courties by twelves instead of tens as we are accustomed rificing one of my few precious matches I leaned as for as I could over the hole. The restch harned bright and clear; evidently the air isside was pure. platform. Taking a stout stick, long enough to reach it, I tested it carefully. It seemed quite strong and firm, so taking a chance, I lowered my-"I could see by the light that filtered in from

overhead that I was standing on a metal grating might be, had fallen over from the vertical and lay at an angle on the billside "Ordering one of the natives to fetch torches, I

I stood on the top of a curved stairway leading down into the darkness. Geaming the heavy handrail with which it was protected I continuely descended. I noticed that the steas were absormally high as I went down. Later I was to know the as circular, surrounding a 'well,' "Striking another match, I examined the wall be-

hind me. In its surface I saw another sat of holes similar to those in the plate we had removed. My steps and wriggled out into the daylight to await "Presently the boy I had sent arrived with a

goodly lead of dry, resinous attrics that would bern well and brightly. I lit one, and calling to him to follow me, I again lowered myzelf into the hole, remembering to take the kers with van Storring carefully for fear of falling on the aloning surface. I walked around the gallery examining the place. It was about twenty feet in diameter with a five-There were four sets of key holes in the wall about

"The second gallery was exactly like the first and I did not stop, but went on down the last fireht of steps. This was evidently the bottom of the cylinder and. like the other two stories, its walls held the new familiar key plates.

"Going to the one on the lower side I examined it closely. Above the square of holes were twelve sets of symbols arranged in pairs, the first members of here pairs corresponding to the numbers on the

corresponding new numbers, I turned them so I

"Immediately, a section of the wall awarg inward and there was a sudden rush of air which nearly autinomiahed the turch. The air pressure had been much less inside the chamber which now lay open before me, than outside, and the door was appar-

the joint in my first cursory examination of the

ently airtight. No wonder I could see no sign of "Before me, stacked around the sides, were a

THE RETREAT TO MARS by have warhour from foor to roof of the chamber.

each box bearing a number. Removing one of the vetalning bars, which fitted into sockets. I pulled "On the front of this box was a lever-like handle.

sound of air entering a vacuum. Turning the handle a final sigh and the lid of the box raised sufficiently

"The lever bad operated an eccentric which had sir. The lif was tongued, and fitted into a cor the groove was filled with a waxy substance which

had made the joint air tight. I noticed afterwards that each box had a filed hele through which the "Carefully packed in a substance that looked like fine steel wool were a rumber of broad oblong cases.

about the size of a standard volume of the Encyclepedia Britannica,' the topmost of which I removed. It was of the same metallic substance that I had encountered all alone, and on its edge was a little knob set in a recess. This I pressed and a cover flow "It was a volume, and ruch a volume as the eyes

of living man power saw before. There before me was the most startling illustration I had ever looked unco. Instead of the usual lifeless fot things we The illustration depicted an animal or reptile-I the torch light like a live thing. I ran my fineers was not a model, or in relief, but it was as fiat as a table ton. The colors were marvelens, they had life

"At the foot of the case in which the nicture lay was a tiny lever-like arrangement. I pressed this over and as I did so there was a tiny whirring sound followed by a click, and the picture flicked out of sight, and was replaced by another,

"One half the page ... if I way call them pages ... was occupied by this new illustration, the other half being filled with characters, evidently writing of some kind. Page after page flicked by at my touch, the majority hearing those wonderfully executed illustrations in three dimensions.

"BOX after box was opened, and each was found filled with these strange volumes. I carefully replaced those I had removed and closed the lids of the boxes, replacing them in their tiers. "Where was I going to start in this place? I felt like a shild surrounded by nevel town not know-

ing which to examine first. Then it occurred to me showed this. Locking on the door of this cell I saw

hered ten, according to our notation. Number one "The air was becoming thick and suffocating with the olly smoke of the terches, but I made my way to

here was much lower than in the other cell. I was nearly averthrown by the author our of sir that drove in before me as the door awang back. "This chamber was similar to the one below and in the toppoet row of boxes I saw number one in a coming unbearable. I took it out into the sunlight "It contained what I may liken to a child's primer, profusely illustrated. The first volume was filled

this time. I bad the boy stand back with the torch

so that it would not be blown out. The recorne

with rictures of common objects, each with a few armbols at the sides. Trees, rivers, laives and mountains; hirds, beasts and reptiles, the majority second volume contained composite pictures-sireple actions of human-like ereatures and so on. I saw at once that it would be quite easy for a man of

with the aid of this wonderful primer. To one who was accustomed to decimbering old writings, as I was, the task would be ridiculously easy, "The setting of the sun drove me back to camo but not before I had replaced and locked the place, taking the keys with me "By the light of the fire I studied my troubles

that night. It might interest you to know just how verb 'to walk.' In one set of pictures a being was shown in the foreground, approaching a hill. The second showed him, bent forward, walking up the hill while a third showed him at the ten. The characters were exactly the same in each case, but over the first was an inverted V; over the second, sething; and over the third a V. The tensor were all indicated by a symbol above the work. The degrees of adjectives were similarly indicated, hence "I sat and studied well into the night until weari ness compelled me to cease, but at down I was awake

and at it again. Throughout the day I worked have work of removing the earth from around the cylin-"Every moment the eyetem of writing became clearer, until late in the afternoon I came to a lone sentence set out in large characters. A rough translation of it would be: "WE GREET YOU. CONTINUE WE HAVE

MUCH IN STORE FOR YOU "Here was a direct message, and a message that made my heart lean. If I had worked hard up to this point, I worked feverichly now. Who, I won-

dered, were 'WE'T "The following day another message was translated. It read

THE PROPER OF ANOTHER WORLD

I had made no mistake. That was the reconing of "As the days slitted by I came across more of eo on. This personal touch made me feel so though

466 AMAZING STORIES there were some beings anxious for my advance. Gases shows that a velocity of servin miles a second

"The days grew into weaks before I had mastered the larguage outlieiently for the purpose of those who wrote it. In the meantime the natives had progressed with their test but slowly, due to the poor implements with which they had to work. They

poer implements with which they had to work. They worked slowly but henestly, so I did not press them, for I could see I had months of work shead of me before I even scretched the surface of the wonder ful store of knowledge that lay before us. "We were truly in a Garden of Esten, for game and fin shounded, while ofbile fruits and berries

"We were truly in a Gorden of Eden, for game and fish abscurded, white child return and burries acreed to keep deem elicibes, which would surely have followed a meat diet. In this way I was able to conserve cur ness too plensitud surgly of provision. The head boy was an excellent shot, so our amountain own put wasted so it would have been

ammunition was not weated as it would have been had we depended upon my powers with a rifle. The climate was almost perfect. "Eventually I arrived at the end of my primary

"Eventually I arrived at the end of my primary course and came, at the end of the tast volume to a message which read—"First read volume on, case three. A complete catalogue of the contents of the lithrary will alse be found in this case."

library will also be found in this case."
"This valuem was zone secured, and without healtestion I plunged into it. It was written in a fairly simple style, and with the aid of an excellent dictionary I found in the same case, I was able to read right through. I read it in four down, bardly etap.

the atrain. After that I slockered up a bit and did manual work at intervals in order to get some szerelse. I will outline the contents of this volume to you.

CHAPTER III

46.4 HUNDREDB of theorands of years before this story open, intelligent life had dawned upon one of our nearest neighbors in space, the planet Mars; in much the

Earth of cars, so that at the time this narrative was written civilization bad reached a very high plane. The records show that they bed reached what we neight call the ideal state. Every being was attelligent except to work under what Indight call a system of coolad democracy. "Every member of the plane"s teeming millions

in which no parasites existed, for when one, by come attential freek, did turn up who attempted to "throw a monkey-wreach into the machinery" he was simply externsimated. "Throughout the ages, while this cystem was

was amply experientated.

"Throughout the ages, while this cyclem was slowly being built up, the race had been carefully developed by intelligent selection in mating and every undestrable feature had been clowly climinated. The result was that at the time this narra-

both mentally and physically perfect.

At time wort on it became apparent that the
iif of the planet would be shortened by the loss of
air and water vapor. The gravitation on the ourface of Mars being much see than on the Earth,
nearly one-half as great, the gases of its atmosphere
would more readily assume. The Kinetic Theory of

of water vapor. This is the critical speed for seage from the Earth's stituction. How much more readly will the water vapor energe from a phone like Mars.

"Some scheme had to be developed then, in order to reduce this rapid energy of the planeth with field, if life on the phase was to be peculibe in "Warting analyses and the work, after does delib-""Marting analyses are the work, after doe delib-

"Martian engineers set to work, after due deliberation, to construct gigantic underground reservaire lined with an impervisor material. After nearly a thousand years' labor the work was finished

and the waters of the lakes and seas were impounded in these west underground storage basins. "To conserve the precious Equid still further, that which was deposited as more in the polar regions was carefully trapped as the summer sun meltied it. Huge achiteryasean squeducts led it back

plants. These confulls were tapped at intervals by lateral lines in order to empty water to irrigate the fixed drying surface, and at the time the record was written, the construction of an intricate system of conduits and pumping stations was well under way."

"And these cases, as Lowell called them, were the locations of the pumping stations, the intensity cultivated area around them causing them to show up as black dots on the planet's carriano, as your observations showed.

"The premisent theorymen markings on contraction in most area of a beavier self and are the refereber in most are of a beavier self and are the

security in space are of a beaver collans are the old see both. The lighter analy soils were abandened, because of the large quantity of water necesary to make them fertile, save along the lines of the causie. But to continuo— "With their highly developed instruments the Martinean had assortated that their petryboring

street, the Rach, a samwil sained to entrope the Inflood it, necessary a verifield hand of process to them, with ite wast occurs and weekent continueds. Executraced by the thought of the possibilities this new world hald for them, researches were incitated which resulted in a machine which would travel which resulted in a machine which would travel which resulted in a machine which would travel publica was sittlier to that of the "Goldard Rock, et"; game formed by the commitmation of contain

1 to

accelerate attached to the after part of the machine
propelled it in exactly the same manner as our skyrockets are shat sleft.

"Winp-shaped members supported it in the air
until its velocity was high cough for it to leave the
list attachment on a necond series of rousies in

mid. atmosphere, while a second series of mossles in rra. the how of the craft retarded it when a landing had was to be made.

"'A company of daring pioneers left one eventful day to company of daring pioneers left one eventful day to company the first interphasetary navigation our solar system has known, and after months of an unrematiful journey, harded safety on the Earth. An

unforesen diesater overtook thie adventurous company, however. Under the greater gravitational force to which they more ashierted here, their volutimely fruit hodies broke down. Prolems of their would be at a minimum. One where I found it, aninner organs coused many to die in amony within s other semewhere on a continent over which the Atlantic now rolls, and the last in the continent

"'Undaunted by this failure they set to work to develop a race capable of withstanding the new conditions. After a lapse of nearly four bundred years. a new excedition set forth. This second party was mers successful than the first, and succeeded in

founding a colory on the high platoau region where to some axiant, the strain to which they were sub-

"'There fest intelligent inhabitants of the Earth were giants compared with us. Their average height was about nine feet; their lungs, which ware developed to accommodate the rarer atmosphere of Mars, were enclosed by a barrel-like chest, but their

hashs were pitifully thin, though much better adapted to their new environment than those of

"'As time went on children were born into this new world and new arrivals came across the gulf every two years when Mars was in opposition".

born here grew, it was noticed that their intelligence was inferior to that of their percuts. Bodily they were smaller and sturdler, but their mentality

lent to that of a Martian child half their age. anxiously watched. Excepthing within the Martians' power was done to check this effect, but without avail. Things went from had to worse as the second generation was born, for these were still farther from the bigh mental standard of their fore-

fathers. Instead of highly intelligent beings, the race was rapidly reserving to the primitive state. "The fourth generation was but a grotesque caricature of the original stock, and were already center of their community to wander at large over

" Everything within the power of the Martians having falled to alleviate these conditions, the projected plan was abandoned. Before leaving this planet forever, to return to their own sphere, it was decided to build a moreoment to their endeavors. so that as time went on and intelligence again returned to this planet, a record of their attempt, and

data of the most useful kind, would be available to "Two other cylinders, similar in every respect

corrosive metal which would withstand the destructive forces of the elements throughout the ages until intelligence again appeared. This period has been

I can see from what I have read. The three monecatadyens of nature, such as flood or earthquake, *Opposition A planet is in opposition reasest to the earth when the Sen, Burth and the planet are in the same straight less with the Earth and the planet on the same side of the be found. The evilinders were scaled in the marrier I have described so that none but intelligent beings could wan access to there. They were so constructed that should they break they would do so midway "'This placet and all their works were then above dened. Practically all other traces of their solourn

which we know as Australia. This latter may yet

have now vanished into dust, though here and there which they had used this remarkable metal, which

is, I believe, akin to aluminum."

66 D Y the time my cursory survey of the con tents of the library was completed, the natives had succeeded in clearing away the mass of earth around the cylinder, so that I was better able to understand its construction and whot

had happened to it throughout the ages. "The walls of the object were approximately six better to withstand any great pressure to which it might be subjected. The whole structure was of one searcless niece, unbroken save where the manhole spaced spokes, or ribs, radiated out from the cylin-

der rolling over as the soil subsided. The cylinder ameter. The arrangement of the interior I have "Originally the structure had rested on the sur-

"Having completed my examination of the cylin der and satisfied myself that there was nothing

portant records to take away with me. The keys my waist and, packing the remaining trophics very

"Eight mouths after leaving the valley I was once the thing secret until an expedition could on to Africe and return with the remainder of the library.

I expect that we shall be hearing from them in a few months' time, if all goes well. "Among the volumes I brought out with me was this one." Hargraves said, reaching for the puckage he had brought with him.

Unwentedne it he handed me a lustenes metal box such as he had described. I took it and pressed the suring at the side. The cover, which I may liken to the front board of our books, flew back, There before me, apparently floating in space. was the representation of a sphere. So real was the

deatly the fall of the year in the planet's northern I recognized some of the principal features--Utopia, the Syrtis Major and the Pashoas Lucus*

(1)-though there were other blue-green markings denvited. Ulte the case it was of metal, and an-

taken there was a danger of the abeets cohering Pressing the little lever-like arrangement at the

picture flicked out of sight revealing another view of every portion of the planet's surface and then I came to a different type of picture me to a different type of picture.

It was an illustration aboving a pigantic engl-

star. At the feet was a wast hundring under construction, and leading from it to the foreground was an immune excovation at the bettern of which

apparent aim was enhanced by the discipative. Translation the board balon Warmans to from

ed me that thus Hustrated one of the carals under construction and that the building at the fost of the lift boused the pursping mechanism which was to value the mater to its new level. This restigator piece of work was at what we call the northern

Pare after rage flicked before me on the pressing plens of districts and cities, and last of all views are well worth describing. Unlike our cancen like

the hubbleses were percentiful in force, each story being smaller than the one below, with a broad ence smare running around it. A raddish store second to be used in their construction, with a trimmung of

*(1) The reader is recommended to read "The Planet Mars," 'Maes and its Canab," and "Mars as the Abode of Life,—these volumes wrates by the lists Preferace Prevoyal Lovell, who observed Maes proposalizable for travers.

on-technical language —The Austron

*(2) Observations have shown that there are no great ele-

dently moving through the air above the ways be tween these massive piles, a bost of others were "parked" on the broad galleries of the buildings. This, Hargrayes told me, was the metropolis of

lenged A faming Sun consued namilal Street a came to discharge their living cargo. A few were resting upon their cradles, taking abourd freight

tant districts into conveyors which took it roudly underground. All heavy traffic was carried under-"To think that this was taking place half-a-will what it is like there now." "Some day we may leave," he redied. "They

dult evens, well suiting the style of architecture, which had a Rabutenian cost short it. Furry care,

may have progressed but little and may be passively make it worth their while to communicate with unkind and the enes. We would not think of estab-Then we must not expect to hear from our neighbors until we begin to approach their standard of It was late that night when my violter left, very kindly leaving the volume behind for my further

perusal and with a arrowise to aid me by interpretme the accompanying text. Without his aid I would not have been able to make much of it, and would perhaps have some to many errorsess conclusions. The following days, with Hargrayer' posintance. I studied it thereughly, comparing the must with

I have written down this atory so that time would not easse me to forget the finer details. Some day

I was rublish it. if I can obtain accomission. Postsorief... Since proping the above the remainfriend informs me that I am quite at liberty to nobtick this (which he has mad). At messart Hargraves, with a large staff of assistants, is engaged in the translation of the records, but it will be a long time before such a colonial work can be published. The expense will be enermous. The world

has waited half-a-refilien years for this discovery.

ELECTRO-EPISODED in A.D. 2025 By &.D Skinner



F Lieutement Colorel Algerron Sidney St. Johnstons, N.Y.N.G., had been it a mercal condition, he would certainly have been aware of a peculiar bursing secucion in the regires of his upper

pened that his actual physiphatically sub-normal. Stil the suspicion that something out of the ordinary had disturbed him; and, with blinking eyes, he searched the apartment

things.

The first to attract his attention was a neatly fielded capy of the eleven o'clock edition of the House's Selective, bearing the date: "Touckey, Jan-

uary 7, 2003"; which, with its "ap-to-the-misurify it breef market quitaline, by unread uper the dock before him. This he swept to the floor with an impatient sweep of his arra! Next his beff hand institutively rought, with practiced precision, a block bottle on a side-deal class by. Holdbor the hattle in the light, his ever

ty keeping the bettle before bim, he glared in a ni game fury at two green blable—some the trade anir or a by-gone century, and the other a "flottled be seed to be s

UHON, we know home took by some of our critica, con reter extraol to work in avoralletion. If we can extra extraol to the south of the control of the south of the control of the control

was huried at the valet's
head'—and the latter
be ad—and the latter
are
promptly proved his trained efficiency in the art of
alcoping "with one eye open," by automatically and
or
unseccutarily defiging.
Finelly Alpernou's surenbased creations found

"Skey you variet!--"
He poused and chuckled for a moment at the

AMAZING STORIES

humor of the "run"-then he reneated leadly: "Show won variet, wake un! Lizhen t'me. You third of raise 'I' 'se abonds me more abtuff like thish. him fired. Thash schtuff kill 'mule' You tell'ab him fit I' schen'lemen's schiomach. Thash schiuff kill

The valet fixed one eye on his master, the other being blackened and fully closed, and answered "Yee, sir! As you say, sir! But, begging your nardon air the synthesian and more moderator that you should not drink any of that, as it was dangerous. He said, borging your pardon, sir, that the early they make for the common people bed been

sent you by mistake. He anologized most pro-Algernon turned on his valet in a fury. "'N you lesh me kill m'self wish thath schtuff?" be cried. "Thash schtuff kill 'mule." "Regging your pardon, sir," replied the valet, "I Aid object to the best of my ability. But you reing me unconscieus into this chair, so that I only recovered fort as you stake a margarit and. That

"Thank it! S'poison d'ranged in'lect. Thank schtuff kill 'mule. S'ton had! Here, s'take thinh!" And Algernon took a bill from his pocket and tonged

For a marront he sat existly as if in a renfound study, and then another idea struck him. "Shay you schripps! Whash shtaring t'me like owl for!" he said, addressing the valet. "Geah "Yes, sir! As you say, sir," replied the valet with absority. "But, begging your perdon, sir, the gentleman did promise to send another case yesterday; and, begging your parden, sir, I believe he would have done so, if the federal officers had not

For a moment Algernon stared at his valet in a words came in a torrest of choice but incoherent "Wharzat?" he cried. "Thosh-cure goth my

broadlesser! I seah there quick!" He passed a second for breath, eyoing his valet the while with maudlin profundity, and then he "Shay you menkey face" wentile, whash shinging

on 'chops. Use n'exte code. Tell reshoul achief t' call high dogs of my bosehlogger a' orga, Tell With a "Yes, sir! At core, sir! As you say, air ?" the valet obeyed promptly, and was soon

nation in the region of his upper left-hand vani

pocket-and of the fact that this buzzing indi-

Well versed as he was in the art of "managina" the "female-of-the-species" in the infinite variety alda's "call," had accidentally turned out a masterstroke. She had "ridden her high horse" in the recent you, had founded a darter defence of his ished by throwing her engagement-ring contemptunow, and ready for a reconciliation. But he well knew that, if he would not be builted through life by his future wife, he must maintain the unner

cofted beyond a doubt that his figures. Expectation

delay in answering would have a chastering effect! THE row had started when he presented Emmerspecially-designed ministure radio receiving-andbroadcasting sets. His own carried the equipment in a small cold case in his west norket; while the wiring, the automa, and the steel frame which held the head-phone in place with microphone pendant before the wouth, was colled and folded in a time galden receptable on the optside of the rocket. The steel wiring was "Electro re-tempered" by a new propers which increased its totally should be bundred fold; while the corner was frut tempered

hand throughout the engagement period; and-his

by the re-discovered process watch her been a "lost art," and then "Electro re-fermpered" the same as the steel. So that, while of gossamer-like delicacy in appearance, the whole apparatus was in fact much atreasure than the old delicately-complicated, alternating "E.V.R.-X.Y.Z." wavelength, which the makers believed proof against duplication, and which they guaranteed against static within a radius of 10,000 viles under any possible conditions. The cover of the outer receptacle of his own set was in shape a gold shield, with a "caread-carle" engraved various or con-South Sea Island golden-nurset field on its face. for a decoration of European royalty; and Enmeralda had agreed with him that it was quite

Rat here was contained in the back of a "vert Oun" wrist watch, and that was where the trouble started. She wanted a favalliere as a decoration for her heaves! And growing sarcastic towards the last, he had admitted that that portion of her anatomy did need some bird of covering; but he had decied the offerent of the "levelling" blee for that special nursees. He had contended that both

tures of her gowns, should stop at the "lines of currenture." He had soon bounded into a namenal tirade against a number of her recent costumes. and had called them "porture-frame" expossions; because "Weey performed a similar function," in Algernan, now comiderably schered by his rage, that "they merely furnished the setting for comba-

That, as he had believed, had settind their area. ment! But two days before this, the had appeared way of a realization of his "picture-frame" agcare; and the row that resulted had, this time, been begin on both sides—with her according the firmal "points" by throwing her engagement ring at his feet.

Then, through the great "Effective-infectal" disk strends in his emerging and confer he had austicated strends in his emerging and confer he had austicated

attached to his general radio outfit, be had watched by his percent radio outfit, be had watched be "take off" from his roof in her randout mecoples but model the reckious reper with which she pure but model the reckious reper watched to see the proof-cop took her literate marrher as "tapper" her by shouting that citation into the ranof her mechine, had seen her had on her own roof and a morroot tiller, had weather the "take off" and a morroot tiller, had weather the "take off" and a morroot tiller, had weather the "take off" and a morroot tiller, had weather the "take off" and a morroot tiller, had weather the "take off" and the proof of the pr

"largest" her by shooting the citation into the rear of her meetine, hed soon hor had on her own root and, a morest later, had watched her "take of?" again in her large tooring hijsten and rugsility grows into a tiny spock in the western sky. Evidently his Beneration was a high-strong thoroughheed, who meant hustone when her dander was up! For a brief moment Algergon made a profound

Per a helef moment Alperton made a profequed affect to solve the problem as to just have long he should loop her waiting before he arowered her "call." The rise adjustment of fisse to the particular ledviduality of the person concerned under the correlated enterostances summervied, was a matter of superstee importance? Then, suddenly, the idea occurred that he might have not with an accident.

Instantly be acted!

Touching a spring on the gelden radio-receptable on his vest pocket, he caught the released framework to his hand, altipost the casts that allowed it to some into shope, and quickly adjusted it to his face. Then, choosing his words carefully and grant.

an attempted precision to conseal his thick tongue, asking:
"This you, Riminishin":
"Yee, this is melt also manyed back promptly.
"Woo did you suppose it was? Have you been giving away any more of these 'questly' and to pring away any more of these 'questly' raise to to any other formale! If I can'th you playing any tricks on me with any other hance. If I make you

Petiently, and speaking more clearly to Agrees a stopped the flow of words by it notice more.

"West arithful Paradiar" be about.
"Yet I wan though outher-right this nimete," the
answered. "He fee is brides and I cast more, and
my had glat ready to a grid and a cast more, and
I was bring west in my hig plane, and I was sell
I was bring west in my hig plane, and I was sell
I was bring west in my hig plane, and I was sell
I was bring west in my hig plane, and I was sell
bet then all "flood," and I was sowy and have where
nobely known me, and one of those beauthy "Purity
and and the sell of the sell of the sell of the sell
and in the sell of the sell of the sell of the sell
and in the sell of the sell of the sell of the sell
to be harderfullifies as duter offe, and I bringht of the
two "Marches flamin-feerers Bringhouster" you
have been all the sell of the sell of the sell of the sell of the sell "flamin-feerers Bringhouster" you

want to be a sell of the sell of th

must have chased me into the ocean, for I ran straight into this mountain before I could see where I was going, and I fell a thousand feet or more, and

timer-

"Shop lister," be broke in. "If you don't bell where ut, Learn't find you, "Fall is easie."
"An's I tilling you just as fast an I can?" the resterted. "The horn taking yat as fast an I can?" the resterted. "The horn taking yat as fast as I can!" the resterted. "The horn taking yat as fast as I can!" and make my tengas go over done you finally sunswerd make my tengas go over done you finally sunswerd my make you have been a start of the property of the property of the property of the property of the first you are still drawle, and here is the location in code: 1803-141; 398-1414; 188-1-122; (1992-1814)

code: 'RGA-1-411: 386-1-141: 386-1-422: 690-12 142: and be sure you sult it down on paper right away as you don't forget, and—" But Aliperane had "hung up." By now be was rober cough to realize that he was not sober enough for the task in hand, so he quickly simpped the bracelets of an "Electric Recommentor award his wester out the sec-

quickly sampped the bracelets of an "Electric Regreenator around his write, so the regulator at "2 records," lapsed into unconsciourness—and awoks at the end of that time an entirely inflicted man, as the result of the equivalent of two nights' natural sleep.

H 18 first move so awakening, was to reach for a button in the desk before him marked "Problem Transporter", but he peased with the movement half completed, as a look of pain distorted his face. For a moment be disped both hunds across his forehead, mounting, in belpiess minery: "My God! "Wait a hundring".

His holdestones, asserver, was celly temporary. Terming to a diptor runs bained him, which how the public include [specify]. "Particurated Water," he present what appeared to be figure in the unbriggery bess and a secret drawer sits out revealing a number of effice cup, spoos and a low of stabilist labelet; "Equivalent—2 Spooss Supers and I figure Cream." Droping one of these Supers and I figure Cream." Droping one of these his deek. Next hat look a distributive cellicosally this deek. Next hat look a distributive cellicosally the first hat he look a distributive cellicosally the first hat he look a distributive cellicosally and the second second second second second second properties.

melorocope, with a kim of flexible glass, out of his product and, with the sid, pixel out an all-butinvisible medic-point canceaded in the figure arms. This be present this him of the faced of the sure. This be present this him of the faced of the sure. This be present the faces tabled "Heft" and filled the coffee are as he mamified jublicative to himself: "Some trick the! You not your partnershed water according to government complations all right, but—ob! You

mixture that flowed into the cup for a suspicious moment, tasted it heyefully—and then, livid with rage, spot the staff cut and haried the cup across the room.

Specifical for a month, be controlled himself with no controlled himself.

specified for a merous, be controlled himself with an offert, and then, with deep reported least, unwith an offert, and then, with experience of histographs as wields line. Putting a compensation before you as wields line. Putting a compensaand what, in this predict connection, also consect a slight ordine into peace of the drawn to untuly, revealing an assertance of crystalline-switte and investigation in the peace of the drawn to the revealing an assertance of crystalline-switte and investigation in the peace of the control of the three his teeth to get quiet actors, making it betreen his teeth to get quiet actors, making it bevered in teeth of the peace of the peace of the variation view? "Registing your species, nit" pro-

"Can't help it, John," he said. "This is a well emergence and I simply hope got to have some

"Monopolart-One Poll Meet" and hartily small Refreshed and invigorated by the negrishment so seriously peeded, he proceeded to cuick, effective Pressing a button in his deak marked: "P.T.", an

thing. On the face of things, it looks like the narcotics are the only remains stuff left to us be the The look of pain that had distorted his features quickly disappeared, and in its place there came the

to "20," back to "15," forward again to "2," back to "1." again forward to "3." back a full revolution and a streeter segment of the four upon which the

partment filled with scaled time of tchacco, and a varied assertment of popes. Filling a "briar" from a half-erenty tip, he adjusted the natest "Smoke Consequent a property a brotton in the dealy which cansumer," posted a notton in the next which vented external detection of the felonicus act, "lit earway contrast of an auticipated joy realized, stole mored deficitly: "The skunks caught me napping with their 'Anti-coffee low all right, but I was

and I prepared myself for the " Then with chear-headed precision he proposeded Instructing his valet to make careful notations on a tablet to avoid mistakes, he dictated:

"As roon as you are through with that boose-pro hibition officer, protern a measure in code for this white-livered rat who sold me this trick (pointing "Coffee Extract' he stong me with, and crodit its cost on my account. I won't pay for it. Tall him to send me at core one vallen pressine contente extract of Mocha coffee, if he has it-and be sure Mocha, tell him to get it as seen as nossible; and to the mounties he shall soul me one off of any gramme (amplianies that 'grander') coffee get the grawise through-on he probably will,

was rice!"-dell him that I know positively that he is nesselve done through if he worth has and that I will set the federal officers after him, and see to is dealing with Alegreen Sidney St. Jehnstone and

slain words, that he was subsarly honers—and so, the regulation manner, he pulled a gold case from

americally ornamental filteres upon the ceiling package transporter. Pushing a butten on the recarrow of the transporter numbered; "7506," a book stamped with that number, premptly slid into his "Common School Edition" of "Webster's New Standard Dictionary" of the opportunit date of "1912." He had chosen this as his and Esmeralda's

Slipping the book into his "Lightning Code-dacinhorer." he teached the numbered love of its key. Esmeralds in her message, and the delicate wire him the words: "Parker," "ross," "mount," and "McKinley." Remembering the "tiger" she had spaken of, he was puzzled for a moment by the and then he thought of the "Electro-visional" dial mechanism behind him he nicked two fine needle-

points out of a belder, preceed one through its gela-

tine weather at "Mt. McKinley" and the other into "New York City." Giving the globe a single revolution, the indicator of the "Lightning Air-line Distance Cakulator" promptly registered "1968 miles 264 fast, 00 Inches." Throwing the clutch of his "Riscire-visional" into the "7970 mile" circuit. he outline of the twin heads of "Denall and his Wife" burely within the "W.N.W." norter of the white circle that appeared on the disk. Inserting a needle of the two mountain peaks, he took a delicate converwire and connected this with "Local." Throwing "Parker Pan" replaced it. But, even with his microscope, he could find nothing of his Ermovalia Finally, in the lower and, he picked out a faint More of the lines deshing, disappearing, and flashing again and, remembering that also had bee

was probably operating even yet, and that, there, SOR a market the incorrespon "time" ton-FOR a moment the incongruence tager mental him, but he figured that she, in her exi-

restly expressed a rimmer at a mountain goat, or Having successfully selved the problem of his

Esmeralda's whereabouts, his next move was to aptiv to the "National Agrial-centrel Russau" in Weshington for a special permit, with "right ofway," for an "Electric flush" transit to Mt. Me-Kinley, Alaska, between the 20,000 and 22,000 feet "Permit, etc., scarcely meeted at that attitude, expelledly as only one other Electric-flush meeting yet in exchance; and that—," the circk attempted to expectatate. But Algernou peremptorily abut off the sluggish

clerk's remensioners.

"Cot advice-stant about what I need," be broke in family though with what I want, or I'll call the chief. Do you realize when you are dealing with? Now pet bays, and SNAP TO IT!"

And, rectag in his "Electre-visional" that the marks of the name had mediated invitor "constring.

And, occling in his "Electre-visional" that the magic of his name had produced instinct "snappingte-6" activities on the part of the ciert, he connected up his "Radio Electro-photographing" camera, and turned his attention to the last necessary detail to be servinged before his departure. Ellipting the plug of his "Radiophone" iron the

"EV.R." wavelength socket, he snapped the framework of its boad phone and microphone combination over his face, and called noftly: "Charlie Great there?"

"Yep! This is Charlie speaking," his broker's voice rapited, with same economy of words. Recognizing the voice, Algernou's next question was to the point.

"Anything deing on 'change?" he asked.

"Quiet as a 'chinh' funeral now—just over flurry," his broker answered. "Two weeks ago rumon broadcast President sure about inefficiency of old Jim Macdensid—chief 'National Law-enforcement

deepped less pricts. Two days likes Tim resigned, and N.R. Clust browspace, New Says Profession and N.R. Clust browspace (New Inc. 1982) to the newer takes, a support of the New York of the

Jenkins (head National Beetlegger Trust) settled squalities about Jim's demand for more desigh; and the 'avidence's squarest Lippicost' was fore,' he was turned loose, and 'N.R.C.' feated back to nermal with care cas unload and clean up about two millens, or can hang on—just as you say." Turning to one side Alicences allicond a sheet of

paper fato, and switched the connection into what looked like a comprisated development of the origiinal typeworker; and then replied to his bedien. "You did fine, Charlie," he said, "Durft forget that you double your results percentage when I am off the reservoistion." Then, after a momentahesetation to consider, he centimed: "Tell book keeper to resed statement miss grivet radisphases at

and in arbitrary unforescent happens. If you want me, call on repetit W.N.R., but are being diffusions. If you blink in heat to took for me, come over here and use me y Electro-videousl. Will probably be in additional of a Mr. McKinlay in 100% ordio circuit and W.N.W. sector. Good-balley in 100% ordio circuit and W.N.W. sector. Good-balley, the silvery "time" Act of a little half on his "Rode Science-videously.

graphing" camera notified him of the receipt of the shotographed copies of his government permit and the correlating orders issued; while the discontingdictaphenetypograph" told him that his broker's bookkreper had completed his statement. From the former he extracted two slips of paper, and found them correct. But he studied the sheet of paner that he took from the latter for a moment, in a perplexed confusion at the phonetic simplicity of the spelling of the words. Then, reflecting that this mathematically exact translation of oral sound would eventually assist in the eliteination of the orthographic absurdities which always had burother two; and pressing a button in the side-wall which opened a small door leading into a "onsperson" sized comportment in a perpendicular preumatic tube, he stopped within, and was shot

Going to the largest of the hangurs that dotted the roof, he pushed a botton-and the door flaw corn and a elistening "Electro re-tempered" corner monstrosity trundled out on a truck. The best that could be said for its shape was that it looked like a gigantic beer bottle. Stepping to the mouth of the "bottle," he pressed a button, and the stopper flow out with a load report. Entering the narrow passage-way through the "neck," he switched on the electric lights and found himself in a specious, tempered-glass compartment "blown-into" the itself with a vacuum space, and with the few neeessary contacts elaborately (nanlated. A vank at a lever started as "Oxygen Supply" apparates (already not at "One Person") going, and a touched button caused the "stopper" to fly back into place with another load report

From a malagamy wavelede he took a bear-skin for sult which was lined with finity-seven copperwins cloth. Stepping into this, he set the "Interior Heat Requisitor" at 65 "Pahrechett, allouted the connection with the concessed storage battery, and pasted the apring which caused the suit to "mapto" and fasten.

A shifted lever on a large keybaard set the "in-

terior Temperature Regulater" of the compariment going at a "G5" adjustment, another started the "Electro-visions." a third connected a small dyname with the "Atomic-energy Reservoir" and started it supplying the comparatively triffing eletrical peeks, a fourth comparatively triffing eletrical peeks, a fourth comparatively artifling eletrical peeks, a fourth comparatively artifling atofifth released an electron of atomic-energy from the basin stom into the "Mount-energy Reservis" to maintain the parity of the supply. Scattlag hismail is an updatered classif, he prepared for quick and declaws action. With one hough he polled down the "Helicopter" liver, and heaving the "Electro-vinional," saw a large, "Electro-retempered" sted solid cesterce-with a device with a

tompset? Soil still enkeree-ble dette still.

Ferrer fifty for deep it the grows, shock into
the six. Setting its regulator at "Indiagone" is
the six. Setting its regulator at "Indiagone" is
the six setting its regulator at "Indiagone" in
the six setting its regulator at "Indiagone" in
Foot, "as turned "full speed" into the helicopter
device and faithfuls in Principles" ("2000) Foot"
Additude" apped, guided a fever which released a
till rouge at Toll respect, and set
it rouge at Toll speed "Its feveres," yanhed the levestage propuler from its understands problet, and set
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Turning to the "Electro-visional" dial, he throw the clutch into the "M720 Mile" circuit, slaked out the faint outline of the higher reak of Mt. McKinley, and stuck a needle-need into it. Thus he connected, by means of a delicate copper wire, with "Lord" -- which he know was persumently conrected in a simpler manner with the gigantic dynamo at Niarara Falls-set the regulator of less "Risatrio-dash" at ".017 Seconds," pushed a button which shut off the believeter, wasked back the lever which collapsed it into its overhead postet; and as he heard the heavy copper piates being shut over all he closed his even and trucked the deal better Then, in unite of all propagations, he was nearly blinded by the vivid Mahtning that enveloped the extire machine; and, notwithstanding the intricate avalon of "Shock Absorbers" he thought for a moment that he had been yanked in two as he was shot through space at the rate of 180,000 miles per

liad yank, came the narversing "tug" of the rear propeller as it notionalized halo out of the pocket going fall speed "En Reversis."

Opening his quest with purvet tank for the wranke of the pocket with the property of the pocket with one hand, and glanced at the "Speed consist" of the includes of the moment when it would be safe, and necessary, that he throw-out his blpken-wings of "Electror extempered" steed with a

Then, audically, the dual peaks of Mt. McKinley appeared directly in frent of his "Electro-visional"; and, throwing aution to the winds, he yashed-down the "Phara-wing" lever, and heard the rattle and being of the adjustments, and saw that the apparatus was witheranding a severer test than it was

And thus, even as he belied, the higher peak of the mountain appeared directly undersacht, and, the mountain appeared directly undersacht, and, the mountain appeared directly undersacht, and the peak of the state of the state of the state indexes a state of the state of the state of the tail' at a thurn right-apple entaining a spill by a fraction of a lame-drived another lever while tipped it into a practically-perpendicular "sone dive," snapped that lever hard again and righted himself, aboved-down the helicoptus lever and standard the business while she to order a wardevice abelt going at "Multinames-d-Allicude", speed, purised her beever of the range pregular, which brought that instrument rathing has been with a pile, came to a full step, while breaks of perpiration broke out on his ferrhand at his natwork, thought the transition many layer about create in the matter "Aurisi Organop" and his brain registered the tunnion into for future, referrings create in the matt "Aurisi Organop" and his brain registered the tunnion into for future, referrings are reverse; "but had bed thin and invest a spill on that most, right larger turn.

A GLANCE at his "Electro-riticals" showed that he was preside vit and but a few for every from, the top of the cliff above Parker Pears, and the first thank he saw me Econoralder's Diplone with its nose barried in a cake of ice. But its Figurie-screen incredentary was bearmoning merrity, and its rear "specificials" reverside the details below, Directive barbon the second of the property of the preserving the preserving

described in above kinzenia insignili whoserepel on expected stated, and till did in the "jetture frame" costume which had exused their row. A glumps at 10 Fixterier Transpersture" indister which registered "40" lettor new," council a factbolish registered "40" lettor new," council a factpours; but a reflection on the provin ability of the "france of the species" for fastice wintry bates in scartly stitte, quickly chanced his form away, and to turned his statement to the direction indicated by and these. PO AM AMOGUTP. CHEVALONEY.

HE DISCOVERED THE FIGURE OF A MON-STROUS ROYAL BENGAL TIGER ON THE LENGE ABOVE HER, WHICH WAS POISED IN THE ATTITUDE FOR ITS PINAL, FATAL SPERING UPON ITS PERF. With franks energy be "yankad-down" than "Landing" here of the billoyler, grabbed the

perakute, pushed the button which "unstoppered" the "bottle," and jumped—making the descent in "recered" time, but leading so visiently then be use butfold in the more, because, in his peak, he forget to pull the string of his perakute until be was two-thirds down.

two-thirds down.

A momentary fear of being numbered in the axon, was followed by a spaces of skilled "football" teetles in "football" and qualrening his way out; and, foundering frontically towards his beloved, he willed at the tom of his value:

"Essectable! My durling! I am here?"
With the stinkly grace of a real "blue-blooded"
refricters, the royal mander turned majoritedly,
and frees the heart within him with a frigid giveturn as only those with four contributions.

and revel as asset watch any vert a rygin gure a market "MayFlower" blood in their vertica, can loop to aspire to.
"Your proceeds is sufficiently perceptible," she add in measured tone, "to preclude any necessity for such botheron cendent, In the future, when we are alread together, it will please an greatily the proceedings of beating them at home. Also, I would require to the fine of beating them at home. Also, I would require to

jail! Wake up! Es-"

murmuring as she lost consciousness: "Algy! My darting! My savier!" For a lotef moment Algernan pressed the inani wisp of her hair so it floated in the breeze against

Onickly he pulled his "Ricetric Automatic." aimed carefully at the heast's heart, and pressed

numerat odor of burned hair-but the brute shove ness of the assault! Nonplassed and damfounded. Aleernon rolled

studied the perploting phenomenon closely. Then at last a ray of light penetrated his brain as the memory of a forgotten incident recurred to him. and he mentally connected this incident with the enigma above. Realizing the simple truth at last, mant echoes of the "Great Salent North" awakened from their age-old slumbers, and an avalanche of snow was loosened from its mooring on the opposite Algernon had remembered that, some six months

before, a Boyal Bengal tiger had escaped from "Barnom and Bailey's" circus, while it was abouing at Des Moires, Iowa; and that the efforts to recapture it, had only resulted in driving it into the porthern wilderness. This, then, was that tiger! Happening in the neighborhood and naturally in a femished condition, a scent of Eumeralda had But, as it stole out onto the ledge for the final, fatal spring, being unused to northern temperatures, the And then, just as all his troubles and worries engine turned his eyes upwards; and, directly over-

for a landing.

With frantic energy he shock the mesoscious form that reposed in his arms, and shouted into her ear at the top of his voice: "Estneraldo! Darling! Wake up! That Parity League' sleuth has found us! He is sure to be one

aroused me; and, as if it were an scho of my dream, voice in my car, shouting;

"Wake up you, John Henry! You're sporing like a horse! Haven't I told you times enough never to sleep on your back? Turn over on your right side! sleep, too! Who's this 'darling Esmersids,' any war? If I catch her menkeying with you, I'll scratch bur eyes out! None of your lies, now! There wasn't any 'Esmeralda' in that pictureplay we saw tonight, so you hetter not try to spring agerthing of that port on me! Why don't you-" But neared by my rule symboting and not feeling well anyway, I stopped the verbal torrent by

"If you can't be satisfied with marging at me about nothing all day, but you must go waking me up in the middle of the night to keep it up. I'll move into the snare room, and let you sleep by yourself," I threatened, "Beridea," I added, "you've put me crowded clear off onto the bedrail, and no-Mary Jane, my wife, was contrite and very humage her properly when I really want to, "I didn't wake you up to upe at you, John," she

said penitently, as she asurgied up to me and reached out her hand to carety me. "But that stuff to beat the band for an hour, and I just know that right away. I told you that you were bottling it anything You'll just-" "Well, If it's going to 'pop,' it's going to and that's all there is to it," I broke in petulantly, "If you think you know so much more about it than see if you can do any better. Now move over and

and give me a chance to get a little sleen. And as my "better-half" squirmed back to her own side of the bed, I turned over upon my right side and slent fairly wall for the rest of the night.

The ULTRA-ELIXIR of YOUTH

By A.Hyatt Verrill



"I will abrick to an indust in the circles I have us, in the makes

"More than those I have worked, Mo braid in till that and
filled with the thought of a price natural, we seem the other

More than the standard of a price natural price which is defined in the standard and price."

our from Dr. Henderson. It was therefore assured

of age. In many lands and in many ways men bays devoted their lives to a reality. They have concected weird mixtures or elixirs, they have wrought spells and practiced magic, they have searched in strange lands for a

ROM time introcorial manking has

to learn that one man actually accomplished his less centuries. Moreover, his discovery was made recently-within the past three years in fact, while more automishing yet, the secret has been forever

Now that the man responsible for the results can tailed explanation of the means whereby the conditions were brought about, there is no reason why

Undoubtedly many of my readers will recollect the excitement caused by the inexplicable disanand prominent Mologist of McCracken College,

ber of the University studente vanished, as well as As a great many more or less conflicting accounts were published in the newspapers of the time and well to give a brief resume of the counts for

strange as It may needs line material for the

or rather, I might say bearing upon the disap-

The facts in the case well antablished. Free

students, two rejusts officers, an instructor and a female doctor, together with Doctor Headerson, completely vanished without any apparent or determinable reason. The investigations which followed, and which oddly enough were only instituted after the disconserance of Dector Help-

also established that all had been very friendly and that they had frequently met, apparently in secret, to Dr. Henderson's laboratory. This, however, was exception of the two citizens-ore a merchant and the other a banker-bad been taking courses in hispurely adentific affairs, although why the guarientific merchant and banker should have been present, or abould have visited Dr. Henderson's laboratory, Had Dr. Honderson not vanished, it is highly ing away with the others, but so he, too, had dis-

any apparent reason for vanishing; not one was in debt or involved in any seands), and no one could ing to marder them, for with the exception of the nersons, but conducted senctically all of their busi-

NALLY, and making the case even more haf-Final Ly, and making the ten were found intact though carelessly tossed saide. The students ments of the merchant and banker were discovered In their projects offices, the lady obversion's garments were in her office, and Doctor Henderson's tory. No one who was questioned, and hundreds of

the last person seen with any of the missing people

one could remember havother person with him MODERN science is deeply immersed in experiments to temp forth the Elisie of Youth Compiler when he was last seen.

inc. after striving his best to revisualize the weeks, stated that he was he had seen a young man -a youth of fifteen or

leaving the doctor's inhoratory on several occasions, but he could not be sure whether or not he had ever seen the scientist in the young fellow's company. The servent at the home of Dr. Elvira Flags, also was hary in her memory, although she, too declared that she had noticed a young man, and agirl of about the same age, who frequently entered

Flagg she was not sure. As the office boys of both police at once began a search for a stripling anawaring the rather vague descriptions of the several witnesses. No trace of such a person could be found, but, to their surprise and confusion, the cartanker. Nothing further was discovered, and the entire affair was given up as an unsolvable mystery. Daring the investigation however, evidences were

by the missing parties. Just what these were, the tile crimes. Gossin had it that persons had been questioned who invisted that they had beard the cries of infants insuing from Dr. Henderson's lab that it was their belief that the scientist and his ments or had actually subjected them to vivisection. ten had had good reason to disappear, being, as from the worth of the public. Indeed, rufter and couch soon linked the names of the ten as members

fices and what not. And the settles of the police in bushing up the matter and abundaning all efforts to asky the western only confermed these priv ru-But like all other mysteries and scandals, the matter soon lost interest, and within a twelvementh College in which I was offered the position of Profence of Blology left vacant by the disappearance

had an excellent position, and while the salary at celving, yet it did not offer the scope in research ed the former Mologist's disappearance, and having been well accominted with Dr. Henderson when we seven students together at Delmore, the effer scena-

reason, I had a feeling that I might be able to solve I therefore accepted the position, and, a few weeks leter, found myself in passession of Dr. Henderson's laboratory, instruments, notes and armarshoes. I am not superstitious and are not nervous, and I have never been subject to hallocleations or when I took charge of Dr. Henderson's work and able feeling of being in the presence of others, of being constantly watched. At times this aspention became almost unbearable. Several times I found myself involuntarily stepping aside as if to avoid

touching my limbs or body. It was, of course, ridio.

ulens. I was no believer in chosts or enterts and

I decided that it was merely a psychological matter,

laughed at my own sensations, called upon my superson mentality to govern my subjective nervec, and proceeded with my week but throughout my of short duration-I never overcame the decidedly My first act upon taking peasension of Dr. Hana thorough search of the premises with an equally therough housesleaning. Dr. Henderson, like so many scientific men, was unfortunately far from atus, formule and chemicals had been left in disogist had used them last; drawers and curboards

up the blace I wondered how the police could have

of mastery which personied the place. House I

litmus paper, and other rubbish in a closet I cave knocked me not. White was to fast a bundle of in fant's parments, rather mussed and soiled and evidently worn. For a space I sat, gozing at the time garments with a strange mingling of borrer, disbeen true after all? Had my old classmate gone ficed an innocent child on the alter of science? If itself? And what had been his relations with the others who had wantshul? What ferrible thires I thought, no matter what events had led up to the culminating destruction of the child. Dr. Harder, on must have made actes of it somewhere. What over he had done had beyond doubt been done in a

wistaken, a warned idea that it was in the cause of science: that the means would be justified by the recorded his theories, or the results of his experiand, abandoning all other work, I sought diligently some scrap of paper which might explain every-

Of course, I realized, there was a possibility, even a attenue chance that he had destroyed the notes on had taken them with him. The year fact that he had disarranged, together with the others who I no had encappeared, together with the others who I no lenger doubted had been implicated with him in the crime, proved that they regimed the encruity of dence or records. But the fact that the garments stepping upon or bumping into someone, although that more conclusive pecofs might also have been the room was empty, and once or twice I actually courlocked Moreover Dr. Henderson as I had started and abbreved as I seemed to feel hands discovered already, was extremely absent minded in ordinary matters and he also had had a habit of

jetting down notes on anything and everything that

come to hand. Hence, I resecued, even if he or the

bears my effects were fruities. At last, when I had simport shandcose hope, I opened a small drawer in a literard and dust-evered desk and made a new and and most experiency flowers. The drawer was filled with the strangest collection of objects which will be shandcome to the strangest collection of objects which were strained to the strangest collection of objects which will be shared to the strangest collection of objects which will be shared from which we will be shared from the shared

stray notes which would throw light on the matter.

phic-like writing of my producessor and examining

strendis. These were infinite generals, belline of reality, refuses on their objects requiring to the welface of rand children, and, what seemed to me most face of rand children, and, what seemed to me most proportial of al., as qualar, rather their blood which, the proportion of the space of the seemed to the superiors. The first entry was taked over three years the direct half of the profess of the proportion of the seemed to the seemed to the proposition of the seemed to the seemed to the proposition of the seemed to the seemed to the been entered. It was, in fact, more of a journal or controlly, and that of the profess pro- to date but been entered. It was, in fact, more of a journal or through the proposition of the prolation, and to my oblight found that the bond-stord idate, and to my oblight found that the bond-stord view was beginned to the proposition of the pro-

tion, then, there would be references to the mysical rious events, and turning back the pages, I set myself to the task of resulting the regimes page by page. A ND as I did so I become more and more astended at what I found, for the indiriputable evidence of Dr. Handareser's writing proved that

A no si to us of recumb more and more and to to to to to to the cubic could be to the cubic could be to the north the ramined biologist, whose whole life had been devoted to acience and proven facts, had believed in the wholly unacientific and prepotectual element of purpetual youth.

"I nee no relevable reason why organic matter abould describerate with age," he had written in one entry. "Age, in animals or plants, is merely the decay of certain tissues or cells brought should be various cases, most of which are unsatural, artifical or due to the abose of sature's laws. I have to be again to be a superior of the conference to. If we admit Education theory of relativity the age is merely relative—in the undwend admen-

then age is merely relative—in the universal adverse of things the infant is as old as the smalle centessay in or vince-werea. Biologically there is no each things and large, Growth, very the building up of themes by cells, year; but the healthy, normal coil of the raped plant or estimat is institutinguishable free the sortengonding cell of the new-been infants or becoming plant. Sectimizable and some yould not be seconding plant, Sectimizable and some yould not up to many known facts retute selectific peacetimits of the plant I am hardwarp to lowe faith it as springing to low faith it as springing to low.

upon the matter of arresting decay and producing

so-called perretual youth. I judge several of the

young men were intensely interested as, after the

ticel immortality could be achieved. And what trementious accomplialments might be achieved by a scientist, an artist, any intellectual man, if he was assured of a virile, healthy extences for bundreds of years; if for a overtray or rasce he relatined the course; the best power, the hysical and organic asian of the grime of life.

Televes this might be accomplished. E. (I had

as a systed. In they prostles has but apportunities of their living bright and a stages of collisis decay or age, and with physical and normal powers breaking age, and with physical and normal powers breaking as whalsh to me as are my billegical appearants to har. Several of my young men are also vanish the term and with of myouse the ranks (appearants to har. Several of my young men are also vanish and an additional and a several properties of the properties of the choice the age or physical state in which he desire to transite, but some duy it will be an ordinary an attain, in to toled one's feed or muchos' of compraints. In the contract of t

dersor's diary omitted all reference to the subject, and I began to think that his observation had been whelly theoretical, and that he had not seriously considered the matter. But in this I was gready mixtaken, for once again the subject was the seletopic of the notes. "I believe that we are on the way to solving the

"I believe that we are on the way to solving the problem of arresting the desirrectation of organic matter when consed by the logos of time," he had written. "A reportable accoding that has included the poth we should follow. Sowrail weaks ago the hang aireally follows us an detroped by an explained when pasting over the o'flaque of Emerica. One of my young now abstracted in the willingly of Damron and the second of the second of the connormans which has courred when the second positions will be a courred when the second took time. The health of the reflects has greatly

to gain. The residence of the religion is an expension of the religion of the

has the power to arrest the raymens of are and to

cause rejuveration in organisms. Unfortunately

the composition of QW is a closely guarded accret,

poss. Cools we only obtain a small amount of the gas we might make adjourning discoveries." I was now as deeply interested in Dr. Headerson's records as he had been in his visionary dream of perpetual youth. The distraction of the Colcouse was still fresh in my mind; it had been a national wide secondoor, for the explosive, the cause of which

was self-fixed in our money; it is all loom a subsequent to be cover how from the all subsequent to be covered in the subsequent to be covered in the cover how from the cover how from the cover how from the cover how from the cover how the coverhead of the cover how the cover how the cover how the cover how t

SUCH thoughts most through my brain as I peformed the succeeding pages of my predecessor's journal, until once again, I found myself fascinated

by the nearest.

A second of the second of t

Reidently Dr. Handerson's problems occupied for too much of his time to permit him to make regular entries, or else nothing important count to transcribe securized, for the sext entry in the journal was dated nearly two weeks after the foregoing, and, as was to often the case, make no reference to what had occurred in the laterim.

"There is now no doubt in our minds that accilication may be arrested," by wrote. "My experiment, 612A, has proved this. In a way, the exploit on was rether dissections, for if destroyed may be able apparatus and quite seriously indured Minterest, However, he is rapidly reasovering and E. deckares that the annalog rapidity with which his indured there are halfely in the suffering the first property in the property in the suffering to the control of the suffering the sufficient that the suffering the sufficient that the sufficient the sufficient that the suffic

iffects of these are incredibly rapid, for dispite the fact that write; to the sumpared troops of the fact that write; to the sumpared troops of the local properties of the sum of the sum of the local properties of the sum of the sum of the local properties of the sum of the sum of the local properties of the sum of the product the sum of the sum of the sum of the product the sum of the sum of the sum of the product the sum of the sum o

effects of the unknown chamicals released by the breaking down of the OW see. Evidently too the

leaks of funds. To secure the appearatus and chemlocals required to early on our experiments, and to consider the early on the early of the contract of the early of the early of the early to the early of the early of the early of the tested water, and to solidit funds from the university or from others would be futile. We would be acceded at if we druiked the purpose for which we require the money. I fear we will be farced to sinandin further recorders in this direction. What a fund is further recorders in this direction. What as head to reach the early of the early of the leafest to reaching!

5th was the following: "Montross has payed the way for earrying on the experiments. His uncle, a Mr. Redfield in a wealthy banker whose observing has Montrees, that he much give a million if he could retain all his faculties until his death. This gave he related what we had done and suggested that light his uncle was intensely interested and exthat he might be a witness of our experiments. I have agreed to this, as had E. Her friend, Burke has also been taken into our confidence, and five of my students have been callisted in the cause. We have agreed that what we do must be kept to our solves until we meet with success or failure, and an society. We have no desire to let others know what we are doing or to let the press reporters get hold of the matter. Hence we meet more or less secretly

"Montrous is entirely recovered and is working diligently at his chamical preparations. Barks, by the way, has been of inentimable aid, for he has managed to secure the formula for QW. Political graft after all has its advantages."

As I read on I became more and more amased, more and more fundated by the revelations of this infrasto journal of the missing biologist. Already much which had been mysterious had been cleared up. The bond which had liked Burks, the hardheaded murchest and political best, Redfield the while the hadron of the property of the protein the property of the property of the protein of the property of the pro-

"Montross has encoreded. He has separated over gas. Among these is an entirely new element which the key to our success. Even if we fell, the disand Bedfield are fairly crazy over the work. The

my wife. If we succeed, the vieta before ne is too maresless to realize; endless were of perceptal youth together; never to grow old, never to lose of our appears from the world. We have around at length on this. Burke and Redfield were at first money-making opportunity in it, treating persons for fabulous sums-millionaires he stated would nav

anything to rotain their youth, while Redfield argood that if no one grew old the world would soon bewever, pointed out that even if we could prevent the reviews of time we might not and ambable would not be able to present the raysom of diseases nor fatalities through accidents and that, youth being more impulsive and reckless than maturity. themselves of the trustment. Mortmes also minted intellectuals being able to earry on indefinitely would more than effect any dangers of overpossis. which might arise. He himself he stated would

devote his entire life to producing artificial foods, and bousing. For my own part, I declared that it that we would. I felt sure, he heartily sick of youth of us believe it desirabe. Burks is a devent Reman

windom. I believe, too, in a future existence of some to forego the chances of such a statu. Moreover, rone of us, with the nessible expention of some of to accomplish anything in opposition to the will of God. To provent the visual ravages of time upon the system would, we all arros, he no violation of Nature's ineconable laws, whereas immortality of things. To increase the span of life, and to re-

whole I profess to particular religion 1 am a firm

"We have carried on were extensive tools with waricus organisms, both vegetable and animal. We find num is the active principle, but we have not with an unexpected obstacle. While the lower forms of life respond to the treatment and become rejuversted for weath, should be compelled to shorten his exist. erce, to fift, like a hatterily for a brief space and then die while in the possession of the vouth he sought! Perhaps, after all, our lives as they are,

desired effects without the unfortunate woulds. . .

"WE have bit it! Purely by accident we—for I must give credit to my assistants, and expecially to Burke who is the last mun in the world one would expect to make a discovery - -- purely by accident, I say, we have solved the problem. To while away the time, Burke brought a radio receivcontaining the organisms treated with Juvenum was close to the set, and whereas all other treated radio set cordinged to five and thrive with remark. able vigor. Burke, odfly enough, was the first to notice it, and called our attention to it. Johnnon, sesses an intimate knowledge of the appearatus. He declared that the electro-magnetic waves, or the electrons from the tubes, must have been instruceeded to experiment along these lines. Unsugestionably Johnson was right. Organisms, both animal and vesetable, expected to the vacuum tubes action and treated with Juvenum become relays. expire rapidly. The question now is, do the re-

tion after a certain duration of exposure to the tubes or is the action of the radio correy essential in order for them to exist? . "Percetual youth is within our grasp! Once or-Catholic; Redfield is a pillar of the Episcopal showh: E. Is very religious and a member of the to the vacuum takes' action, they retain their vigor would have died of tid age ings age. We see some ready to test are methods upon lapfor forms of life. Termorave we shall trust rabbits along plane for the state of the state ford, but which he must destroy very soon. He is to try the effect of an irradiant put the best. E has offered a parred which has been for more streng age. Others for different to test as descript tab hore and bring the creature to the laboratory, while Buttle delegated the laboratory is the laboratory while Buttle delegated the laboratory while Buttle delegated the laboratory while

years is her family and which shows evidences or externe any. Johnson thereformly friend to read activate the second of the seco

"We carnot believe our senses. Every experiment has been a tremendous success. Three days age Montrees's deg was a minerable half-bland toothless thing and teday he is frisking about like a nursey; he can see almost as well as ever and perrot is gay with the plumage of a young bled, he talks and chatters constantly, and climbs about like an acrobat. So marvelous were the results that Rurke, Redfield, Johnson and several of the others funieted on taking the treatment decribs wether devirable. I had rought for means of reand restores youth. In all probability further resourches and experiments will enable us to adnumber a treatment in such a manner that absect and permanently fixed, but at present we campet how much of youthfulness will be restored. Earnwould be far from desirable or pleasant if, after beardless hove, irresponsible youngsters whom no

are desired condition of maintain gain as an area of the same hor made of a wall the wiped savey and how made of routefulness will be resident. Burn when the processing the same and the s

had to be the first to take the test, I consented, "But I Insisted that only a very light, almost superficial, treatment should be given, and to this they owners I have watched them carefully." B has kept accurate records of their pulse, respirsites and temperature, and we find that they already show dutting signs of digital reforemation.

Redfield look like men of ferty, and declare the feel better than they have feel for years. Johnson has the fresh color and spirite of twenty, and his outpushing are in practically the same confiner. Today, Mostreas took the treatment, and K. internation of the confineration of the color today. Mostreas took the treatment, and K. internation of the color of the color of the test, I can do no less than follow, and yet, areabes. I have a premoition that we have not yet learned all the powers or preclaimities of Jureanuand that we have been over-heaty in submitting outpression to the tests.

Johnson and the other young men show it the

as their systems are more responsive and less de-

"Everything in most satisfactory. Borke and

of the treatment more rapid. . .

commbers to the tests.

"A territle they has happened. My were flow.

"A territle they has happened. My were flow the test
ment and we are all in the same arrial predictions."

For several days the adjust, "tested resulted
to the same arrived the same arrived to the spartness of proving constants younger. The same arrived to the spartness of the same arrived to the s

paunchy, gray-whistered bunker he had become transfermed into a sallow-faced young man, and catching a gilmnes of proself in a mirror. I disance. Almost too distresight to express my fears I rushed mostly to E.'s office. But instead of the woman I had expected to wed I found a beautiful girl who, cutwardly at least, appeared no more than twenty years of age. She, however, did not above my fears. She was overfound at the recovery of her worthful beauty and she was shited at the change which had taken place in monelf. In owin I tried to explain to her that if the rejuvenation process continued we would all he recorded or mere boss and girls; that stready Burke and Red field were afraid to annear before their employees "But she, perhaps because of her medical and anatomical knowledge, around that my fears more

anatomical harswheige, argued that my from were greateless. We were, as I well here, in full possession of all the knowledge and experience we had sociated during our lives. Regardless of physical appearances we were mature, experienced, and fully developed mentally, and, also added, unversible of the physical states of the contraction of the contraction of the contraction of the contraction of the conmerchant in their physically and condition.

"A FTRR a time I felt that perhaps the was right. But I still feared that the process of refurenation might continue, that no one could fore-

"The only thing to do was to devote all of our energies to finding a means to centrol the action of the Savanna and I suramoned Mostross and the themselves. They had important business to stoffices was causing uneasipess. All seemed to look to me for a year out of their difficulties, and without effect. I tried to make them see that they were and that, recreaver. I had shown my faith in sub-

necessity of finding some means to check or con-

peared to cease of their own accord, and no marked

"For a few days the effects of the treatment an-

trol the action of our discovery.

mitting to the treatment "Realizing that no one would recognize the banker or the merchant. I suggested that they go to their offices, put their business in order, and then retire to their apartments until I had had an opportunity to corry on further tests of formple Montrees and myself had weeked out.

"We are all lost. Nothing we can do will check changed that when, verterday, we went to her keeper did not recognize us. We have all been obliged to purchase the garments of young people And Burke and Redfield are werse off then say of of Juvenum than the others; whether, as I oursecond time, or whether the Javenure acts more rapidly upon old persons, I do not know. But yesterday when, after repeated calls by phone, I that I must be going mud. Burke bad become a able as a lad of fifteen. Both were fregated both begged me to secure proper garments for them, bold-mere children with the beales, the intelligener, the knowledge, the thoughts of grown, ex-

"The only redeeming feature of the day was my marriage to E. We both felt that if we waited longer so minister would marry us, fearing we were under age, but our happiness we fear will be short lived. We all know now what is to follow. We all know that we are pest human belt unless a miracle occurs. Ours is an agony almost beyond endurance. The poor respressed deg which Mon. troop, poor fellow, offered in the cause of arience has proven an object lesson to us, has brought home to us the terrible convergence of attempting to interfere with the plan of the Creator. The

the parrot is a fledgling, rancous-voiced and almost

naked. Did over human beings face a like fate?

physical changes took place. Then, as if by magic, and I managed to kidness them from their rooms and bring there here. They were then how of the rejuveration process took hold once more, and in a few days Burke and Redfield had become sight. And by dist of threats, by argument and scarcely more than youths. Johnson was a mere sand to outher all the others together here in my lad, while E. and myself, who had been the last to take the treatment and who had taken far less laboratory. All I say, but Montroes, Johnson and than the others, felt and looked like a worth and we do not know. Perhant they have correlated suicide, perhaps they have gone mad, perhaps they have rushed madly away seeking to counce "Such horror! I feel that I must go mad. Were it not for E. I would make away with myzelf. I know now what has become of Montroas, Johnson and the others. I have found a note from Mon-

when we will be someting, belower builter!

Already Burke and Redfield are toddling about

supporting themselves by chairs and burbling usin-

telligible words. Surrentitiously and at most E.

tross stating that he and Johnson had agreed to make a supreme test, to make a brave effort to avert the horrible fate to which we were doomed. a stronger dose, in a hope, a more chance that, like some poisons, one treatment would offset the other. What happened I know only too well. It is in. credible! The thing is unthinkable, but true! The dog, two days ago, was a feeble mappy; wasterday it day a round white egg appeared in its cage. Today the cape to empty. Nature is being reversed! With incredible speed we and all life subjected to the damnable treatment of Juvenum, are progressine buckward. Beward doubt Meetrous and the others have already warlshed, have already massed My wife and L of all the ten, remain as rational human beings. Burke and Redfield are gurzling, cooling, helplant bubies where wents occurs all of

possessing all her womanly instincts, all her knowledge of medicine, all the thoughts, the longings, the ambitious that were here when, seemingly ages see, we first discussed the question of pernetual "But brawly, uncomplainingly, she has borne the ordeal which we are possing through. She has never blumed me; she is as patient, as smiling as chourful as ever, though she knows that only a few days remain before she, too, will be a helpless

look at my darling wife. No larger is she a wareau.

no loaser a building girl. She is a alim wisp of femininity perhaps twolve years of are, but still

"And the atter horror of it all the most terrible part of the whole affair, is that even to the last like normal infants, Burke, Redfield and the others property the intellects, the brades, the accountless of their mature years. I can see R, and I shiver with terror at the sight for the arrow of mind which is theirs is stamped upon their halv faces. AMAZING STORIES

were there, tiny, red-faced, toothless, newly-born babies, and today no trace of their presence remains. And my wife! As I write, she who was row balanced Elvira is granning about the floor while L the last of the ten to succumb to the effects of our accursed experiments, alt at the deak, torn with unbearable dread, with indescribhave brought upon my wife and the others. And though I am writing this in the same hand which I used when a full grown man, although I have felt no charge in my brain, yet I am but a youth, a mere stripling, a beardless boy of perhaps a desen years. Were it not for Klyfra, were it not that until her last mement I must care for her, I would follow the example of Montress and Johnson and would hasten my end by taking a double desc of Juvenure. But instead I have destroyed everything. Every chemical, every formula, everything to do with the downship affair has been made shall be left that will be available for others. And face the most terrible fate of all. No one will be left to care for me. I shall be a helpless infant and, must. I feel sure, so through the refrecessional process to obliviou, for I long ago promised Elvira that I would not take my own life, and, I feel sure, I will not be granted the solare of starving to

it has been for us; that time has been turned back, wived the perils of infantile mortality nothing can prevent us from retroceeding in the same magner, an infant. I cannot hope to successb to starvation now that my infancy is to be repeated, even though there are no loving hands to care for me. "And another strongs thing has harmoned. Of late I have been aware of the presence of beings about me. They are invisible, intangible, but I feel their pearsess. Are they the spirits of my back beyond the stage of human form at birth, they have been unable to return to embryonic

form, and are still filling the atmosphere about "These will be my last lines. My beloved wife has gone. To the very end she record harmy. In her baby even, as I tenderly, though elemnity fed her, was the look of contentment; her bely mouth

smiled and there was none of the scorey which contorted the infantile countenances of Burke, Redfield and the others. This morning she faded from eight and vanished, and I feel that somefirst time I have given thought to matters aside from our own affairs. What I wonder will the

find the baby clothes which have served for Eurice Redtheld and even for Elvira in turn? Only I will be without the tiny surments. Long before my body is amail enough for them I will be unable to dress moself. I will shrink to an infant in the clothes I have on, in the makeshift, cut-down things I am wearing, and grawling from there, a naked infant. I shall probably find them an interesting plaything. Strange, new that my fate is so near at hand, I am so colm, that I can see the humor of the altuation. But my great regret is that after today I will be unable to record my sensations. Even if my mind remains mature we childled hand I am now a child of eight or ten years in sorear. ance and physical characters, and I am forced to sit upon a pile of books in order to write. Ever since this morning I have realized I am dwindling have been forced to add two books to the nile infant's garments and other things in a drawer beyond my own reach, for otherwise, in my infantile

here in my inboratory. I can write no more. My brain is still clear and filled with the throughts of a grown man -- was even the rejectife side of verintellect is unchanged. But I find the pen difficult the characters I wish to write. And there is no more to record. I have sought perpetual youth nightmarish offsir is but a reversion of life as and I have found it; but such a youth! Youth revisible existence, the youth of the pre-natal, inexplicable green of life, perhaps the -The journal coded in an underlipherable scrawl Trembling, shaken, pale with the suspense of what I had read, I sat staring, and was aware for the first time that the vact laboratory was durky with approaching night. Then, with a stifled cry, I sprang to my feet. An invisible, intengible presexce seemed to be man. I could have sween that fingers clutched my clothes. With my scalp tingling, terrified as I had never been in my life, I

fird from the room which, despite common sense and reason, I felt sure was still terorited by the missing ten. And I was even more terrified as another thought firehed across my mind. How 65d I know that some of the tarrible element James num, mucht not have remained in the laboratory? exposed myself to its effects? How could I be positive that I, too, might not find myself going backward, doorsed eventually to man out like a muffed-out candle? Never again, I determined

for a space I knew, I would live in deadly fear of signs of regained youthfulness. But fate took a hand in my plans. That night a disastrons for swent McCracken College, the

laboratory with all its contents was utterly deair? No doubt there will be investigations: the atroved, and to this day the true explanation of

THE ULTRA-ELIXIR OF YOUTH

the disappearance of Dr. Handerson and the nine exposed to the period of projectal pushs have obtained heart partial properties. I grow no years preced generalises. I grow no years preceding the Renderson's associate journal, the date with the rest of this possession, and if the after resting to the properties of the

THE END

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The CHEMICAL MAGNET By Victor Thaddeus



THE CHEMICAL MAGNET packing cases, cars, bottles, and other riff-ruff flung

SOW that Schirmanhever is dead, and will americate the world over are sooking to rediscover the secret of the extraordinary chemical magnet which brought him wealth and fame, it is only fitting

public what little I know about his life, his mar-An unbuppy love affair made of the generous enthuriant a cold-blooded scientist, who subordi-

Schirmunhoper talked little, and if he had any dreams beyond those covering the conquest of that reaching out for material prosperity had cast a

blight over his life, no one shall ever know of them. Of all reen of genius that I have known, Schirmanbover was the least secretive about his own idean. He asserted to harbor no appricious that his

lying in the path of accomplishment made him simmight fail. Then again, it may have been that he talked far less freely to others than he did to me.

impersonal way, I can have no doubt-I call myself I first wet Schirmonheyer when he was firing in City. He was introduced to me in town one day

of his eyes-enlisted my interest remediately. He dark thick bair that fell low over his forehead and straggled down his neck. He were a shabby lightweight overcost, and looked generally unkempt.

Still, he had a striking personality. One felt his mind. He seemed barn-

he said little. I grew to

It was an autonishing beach. It represented the

The cabin was situated among a law ridge of sanddures separating the ocean from inland weters

resorts. The beach, reled high with great timbers.

a million lights traced the distant coset line; to the southwest, in clear weather, might be seen the fainter signmer of the Coney Island beardwalk, be-Here Schirmenbover fived the year round. Dilanidated in appearance, the cabin was quite muz in-

lay at his very decretop on the beach in mexhaust-

disordered appearance. At night, in both directions,

breezes. He bought his stores each work at a fish-It seemed had excush to have to tremp such a dis-

tance for food supplies, but how could be manage too interested in talking to Schirmenhever, and noting the equipment of that part of the cable curthis. Did Schlemenhaver have a well? I dis-

be quite undrinkable. But where did he get it? Suddenly I remembered that the same problem must have existed for the old bernit who had been the calus's previous inhabitant. This convinced me that whatever the problem's solution might be-Still I was possied, conscially when on my next

> Loter, in the cabin, I lem to him. "Yes, water was old

Martin's problem," said Schormanbever, "He had main reason he had for

problem any more " The last few words he said willingly, and his ex-

asked. "Have you found a rearer place to get it?" "I don't get it," he answered. "I make it." "Oh!" I excluded, with a lough at my own fool-

Schirmenheuer smiled again. "No," he said, "I don't distill it. But I make it just the same." He got up to open the churk stove, and throw in

was blowing, rattling the anahes of one of the small windows. Ewn though you could not see it, you

488 AMAZING STORIES seemed that wast canama of nearby ocean over which litherier he came around to the front of the casing

"Yes, out of ocean water," he replied.

If E ead nothing more at the time. Subsettions I had get as fee of the nature of his investigation, I had get as fee of the nature of his investigation, be were fear recovered. I know that natural reaction, particularly these of solicitality. He had the next of mind that uses things always

chemical resoltens, particularly those of solubility. He had the sort of mind that sees things always from the imaginative viewpoint, that never allows imagination to become smethered beneath technical and mathematical detail. He was able to arrive

at an actual picture of molecular processes, and for this reason he was able to make his tremendous discoveries. One day, drawing back the curtain of his libbers-

tory, he picked up a beaker, filled it with water, and asked me to drop some table soil into it. When I had done so, he said: "That wasn't much trouble, was it? But what

a let of trouble to get that sait bede again—I mean by evaporation. There should be an easier way, shouldn't there?"

I replied I thought there should be. Schirman-

hever now placed a clean sheet of white paper on the beach. On the paper he pat a headful of sand that he had picked up outside. With the eard be mixed up several ploshes of from filings. "Now," he saked, 'do you know any easy way of

"Well," I said, "If you had a magnet..."
"Exactly?" He produced one, and drow the diluga out of the exact, accepting them off the magnet into a little asparate pile. Thus he booked at ms. "By my process I can draw sails out of water.

asagnet."

He sulfiel to himself, and added, "Thei's an insecurate way of putting ri, of escree, but it gives
the imagination excending ri feed on, which is the
main thine. What I have devised in a way of
getting salls not of water without having to use any
energy. No heat under believe, so electric curvait,
why shouldn't it be user? Therefor were little motors.

change whom must calls are dissolved in water. In fact, what energy change there is is goasly to the gred—the water is cooled off a little by the addition of the solt, so that there abouid be energy given out, not taken in, when you got, the solt back and there is."

—and there is."

He ghneed at one corner of his biporatory where there about a queer cloud-like arrangement with pipes leading in and out—evidently a casing around

he saked. I had noticed that corner of the laboratory before, and half-ground its significance. But this was the first time Schirmshever had offered any information about it. Now he picked up a pullful on seawater, and poured it has a large funnal that pretrained upwards from the wooden content. When the seawater was the same when the

and turned a valve. A memnat librar a bariet he had placed on the flow begind litting up. Schirmunhover, fitting the locket so that the water would flow noblecking down the align noticeast to rest flow noblecking down the align noticeast to relation. I heard in the materior of the apparatus a library of the second of the second of the tended by they grade of secreticity allipting down a cluta. When the flow of water had stopped, the lucket being rearry full, Schirmenshever little a dipperful of it up to my lip—it was as fresh pure water as I have sever inched. At the same memoral

water as I have over tasted. At the some moment he held up for my inspection a ministere bin that he had draws out of the interior of his appearancy, its floor was covered with several inches of a whitish salt.
"Now," he mad, pouring the contents of the little

"Now," so each pourring the contents of the fittle bit size the backet of fresh water, "you see before you the pallful of see-water again."

The whole process had taken so short a time earnedy meen thee x course of member-and its

operation had been so neiseless, no sound coming from the interior of the marking except that little whitepering noise mode by the settling sait, that I could only stand amound.

I dran!"—and I leeked at what remained in the disper—"was some of the sea-enter—and that that all you showed me—"
"It was," answered Schirmshover, "The very some sea-water, Mr amountum here," he tamed

outer sectorate. Sey appearates in here," he tapped the worden casing, "had simply divided it into its two components—the pure water and the dissolved salts."

"And it get it all out in that short time?"
Schfrenantever amiled at the increduity in my
face. Then he freeman, "Yen, it got it all out, and
that's my trouble. That water you tasked was pure
as rain water. But my precess worn makert yet.

The hardest part of my 3b—that of developing salective attraction for the various eleminals in solution, in the same way you night have different comments for irvo, opper, silver, gold and so onin still before ms. Indeed, I don't know whither 12 ever he able to solve that problem. And if I serie—" He brillian, feverite open stared 5erie—" He brillian, feverite open stared

the sentence—that if he didn't, all the knowledge be hed acquired thus far would die reith him. This was the thing that astocuted me. Once I realized Schirmandover's invantion actually would extract saits from seltation with such case, it scarced to me the most marvellous scientific achieves.

ment of the century. If he stopped at this point, he had only the commerciality his process to make an immense fortune for himself. But Schirmanheure seemed to think be had accorrelated nothing as yet. His whole being was averaged up in making the process the existing was fact think he had

dreamed R. "There" be would exclaim, gesturing dramatically towards the leggest of cean, "just look at the impossity of R! A greater storebouse of minsmit than you'll find in all the mines of the earth put together. All the metalite and non-metalic clomatals in it in some shore or form. Vert Mother

reiber dash in wiscon and two which somer or later, everything gets washed! All the metals, exhaustible reservoir to comb it out of. When the

That word only would make his own toke on a married it mere then employed in the world. More than three years had passed now since I first met speed up his process of extraction. For, miracu-

to get appreciable amounts of the precious chuma success, be any approximate delay in the free flow

the separation imposed a small but definite drug on the wowing liquid. This he was seeking to

MORE than once, during this period, I desired Schirmanhayor's sanity. Hagrand and wildeyed, his unkempt hair falling around his face, his really in his right mind. With all that driftwood the appearance of a lone survivor of some tremen-

desperately watching the horizon for a sign of one, the very calm of whose treple beauty was to make more dreadful that awful some of Schirmankeyer's first distoterration. Then Schirmschauer

a chemical asserte might be only his madness. For products of the former. Though Schirmschopes

left the curtains of his inherencey undrawn, so times the apparatus was always bolden from view engaged in experiments of relacy importance: whenever he was working on the armeratus thadf there really sees may appropriate or whether it was

most when he had orne down to the occan-for water to siin into the laboratory and examine the Schirmanhover had been in the laboratory for over an hour with the curtains draws. He had more water, for he had left burriedly, in his heate falling to fasten the curtains. I greated I should -and I was right. The easing binord at the back

stood open, revealing a sheet, thick estinder of metal like a fat water beller. Except for this cut inder, and the pipes leading in and out, the space inside the custing was absolutely empty. On the colleder a marning "Honds off! Daymer!" was palated in large red betters. Sturing at the cylinder, I realized I hadn't learned much. Either the cylinder was empty, as

within it was softly carrogaled all the vital much. ardem of Schirmanhever's process. And the cylinove apparently had no opening through which the

Reckloss of the red warning on the cellular I resolved out to from the shutter solds, at the same filten stooring to not my eye to the energies. My hand was organed in roll-sig-fishirmen

the window and returned quietly. Instead of he

We down the casing until I had left the laboratory, then drew the custains behind me, and reoutnot his experiment. He seemed to understand process than he had done before. He embined of whose recoil mechanism is safeguarded against

sterolog finalf as seen as tampered with by inexone but himself tried to examine it. He seemed of what I had seen-only that extinder, with the pipes leading in and sut-

"You were surprised because you asw nothing complicated," he said. "You expected the astonishing and the intricate. Why weren't there any wires suggesting electricity? Well, inside that evi index it isn't, of course, spite so sircule as it is on what simple armoratus the cylinder does contain. payertheless. Streets to marry man of thicking that

is. Simple and empty in fact the same way that and awoty to a person of olden times who was heating exceptiblese for the home that made the automobile move. Simple and empty as an electric wire carrying current on a million-volt circuit would seem to people who diin't know eaviling was flowing silently along that little wire. My

now principle. It's a principle as different from he finished with a smile, "except from our previous depending, not unlike electricity, upon the mysterions laws which control atomic and molecular structure."

His line twitched as he smiled. It was one of one last take together-before he went away. Schirmspherer bad grown very thin and haggard. He was experimenting against time. For he had only a few months longer to live in the cabin. At hast this stratch of beach to long neglected by dedredre had arrived on the bay side and was filling into atreets and lots. A line of telegraph polen turns with a dark look of hate. It was the world of his wild home-driving him out. He had been given notice by the development company that he of the past sommer.

"HE has lived here for six years. Has he acperiod?" I used to ask myself. The man working as a crary freak, and I wondered if they weren't right. Did he really have anything to show for the

Then one day the impossible happened. When I arrived at the cabin, Schirmanhover told me ha had inherited a fortune. A rich uncle-on his father's aids Schirmanhever was of German descent, on his mother's Irish-had just died, and news without excitement. I confess I would have lawyer, puffing from the exertion of the long trudge, and with his shoes full of sand, supplied an incontrovertible proof. I thought than that

Schirmspheyer's troubles were over-that the less of the cubic would be of no importance to him as laboratory in a far more conversiont location. But Schirmanhever stared on in the cabin, apparently he had started them. Perhaps the fact that good fortune had come his way only when he could almost do without it, made him the more bitter. His ing at the sand duras, held the same personal anterrorism. But see day when I visited him, he seemed calmer than ever I had seen him before.

after me in a peculiar tone that seemed to carry

for many months. When I next visited the island down by workmen who speculated jokingly on the paratus and glassware left behind. The surveyors were shooting the line of a road that would pass it crumblise bineath the blows of sledge and hammer, I got a sudden sharp seems of loss. I walked

with it, a strange presentiment, "Well, good-bye "?

ever. So two years went by Meanwhile all my suspicious about the nonexistence of his chemical magnet, as be had called and scentific journals for some startling report of mer cottages everywhere—made the past seem a dresm. I remembered that last gilmres of Schiras the hunch sped for the mainland, and I felt a than once, the absurdity of his having account shed ing by the sea occurred to me, though at the name

ing one little thing to give reality to the vanished Schirmenhover and his spleadid aspirations. It when the cuten was being torn down. On it were "Door Anne: At last, after all these years, I have. . .

The writing was Schirmenbryer's, and he had avidently been unable to go any further, or cise It was about four years after Schirmunbover's everyone's lips. Almost oversight, it scened, he

had acquired international renown. The story of which now by some extraordinary seired process chemical. The four years of delay he had arourproduction. At any rate, the name Schirmorphyon was now certainly one for the man in the street to conjuge with. It was removed he had notually found a way of treasmuting sen-water into cold.

becoming the richest man in the world. The events of the next few years are history, so I shall peut over them befeffy. We all remember how Schirmanhover's American plants supplied the foreign product imported from the great Stransfurt deposits: his development of those attended and stupendous floating halks, known as all that nation's achievements in building up the calcaral accomplishments of the young American

attated in the whole economic life of the world: the award to Schirmanhover of the Notel Price and his rejection of it; the shortive attempt of the erty everywhere as the hitherto untenched reume of three bundred and fifteen million cable soften bearing to be exploited on a gigantic scale until he was virtually dictator of world affairs. We were told of the many deaths resulting from

attended to discover the secret of his chemical mag-

Marnet Fleet, tampered with by engineers seeking

up in dock at Heboken, killing a hundred men and A LL this, I say, has become history. Let me which I was again destined to have a share.

how heav he had been commercializing his process, and sketched some of his future plane. Later we was relading; his waiting rooms were thronged with financiers, scientists, and reporters requesting order to be admitted investigately. There was a naide for the time helpy the encourage matche of hasfness resting on his shoulders, he rose to greet

ing their old excitement, be started to make some

suggestion, but after a few words broke off to a

levely little island in the Pacific which fate had ical beauty, with great feathery palms swaying high in the sky over a white beach terminating in ing orders to proceed to Hopelplu. A date, sev-

orable telegram requesting me to come immediately to San Francisco. And a week later I was an

eral months distant, was set for the yacht's return to the island. A confortable hungalow, well stocked with provisions, had been huilt on the inhaldtants. Anchored off the island was a floating laboratory, in general design like a miniature vessel of the Magnet Fleet, which Schirmanhover That he had come to this remote most to week his investigations into some mysterious realm of

eclepes, which even his centus had not yet explored, was known to me by row. But the exact nature of this remarch he had not told me. I could only guess from his suppressed excitement during the cruiss that he considered all his praylous discoveries of needlelble introriance compared with those he was now about to attempt. Once settled or the island, he was soon spending all his heurs in the feating inharatory. At the hopinging I was allowed to come abourd with him, but a day came when he not a step to my visits. It was about this time that Schirmanhover, while we get together on the versads of the burgation, more me After briefly recontrolating his next accorrectable

ments-the invention of the first chemical magnet tion the audium chloride of little value, and only draw out the more precious retassium, iron, conper, alaminum, nickel, lead, barium, menganesa, silver and gold salts, the lodine compounds, phosphotes, and radioactive minerals, and these not in a mixed man, but our chemical pulled separately out of solution by its own individual magnet, in a pure state—he came to his latest idea, that of develeping a chemical magnet of superstreagh water hitherto unknown chemicals...chamicals of

which the ocean beld only such as infinitesimal troce that no ordinary method of prabrets could de-"Chemicals," said Schirmanhover, "which man be tremendually more powerful and mysterium then the regionstive minerals, and which may be

which may, who knows, have actually led to the crigin of-He broke off. At the time I did not grasp the

warmth of the tropic night, and Schirmanhover's clowing over class to mine, the black outliness against the starlit sky of those tall palms rem

iniscent of days when the whole of the earth was "Won't thore be a risk in such experiments?" I asked. "If such chemicals do exist, and you collect

that made me fray he had caught some tropical

before him as though to much back an insufferable got the thing that first brought Life into existthe Scoting inboratory. "That much of it!" He

have this much of it!" He threw out his arms in A thrill of horror shot through me. Suddenly I

that night, forgotten next morning. Something deadlier than poison was devouring him. I soized the boat again. Schirmanhever fought himself away told me he was mad, otterly mad.

'HE next week was a nightmare. Schirman-THE next week was a nightness. Step on herer, with the curning of madness, slept on turned to the bungulow. But he came on shore stealthily and in the moonlight I saw him several way like a dranken man. At least I could stand it

no longer. I resolved, even at risk of my own life, what he was doing there, and bring him foreibly I set out one evening in the dusk. As I put foot on the deck of the boat. Schirmanhover emerged self together. With a convulsive effort he not his down the steps into the interior of the vessel, did something to the machinery, then appeared on deck again holding a large platinum dish containing a curious salt that glowed with a nale sea-green a minute! Get back to the ohere right away, because this"-his nerveless fingers slipped away

maniacal, but at sight of me be seamed to pull him-

An uncontrollable name asized me in the face back into the skiff, I rowed madly for shore hehind me, and the floating laboratory split apart into burging fragments, which an instant later was swallowed by the water. After more than a month

of frightful solitude, the wacht returned and carment, corresponding to an electric hattery, which needed renoval after a certain number of years, knowe only to him. Frantic endeavors are still beocean industry which now lies tille. And-most in-

from the ocean water in an appreciable quantityit was that greenish phosphorescent substance in exceedingly complex and powerful chemicals which, millions of years are, when the earth was all ocean, first brought life into beingfrom a hatchway. He was recrease his sout were

THE END

The Master Mind of Mars Ry EDGAR RICE BURROUGHS

A New Story by the Master of Scientifician

The Face in the Abyss By A. MERRITT (See Inside Front Coper)

HICKS' INVENTIONS with a KICK By Henry Hugh Simmons

The Automatic Apartment



The intro-dramp event over, levinely taking held of the prelements, then and provib he interry helding deeps like hand in the pretaining the pre-present of the pretaining the prepresentation of the pretaining the pretaining the prepresentation of the pretaining the pretaining the pretaining the prepresentation of the pretaining the pretaining the pretaining the prepresentation of the pretaining the prepresentation of the prepresentati

bre I was valking down the afterd bills, taking—rather he was being the taking. Be shown does, the is the most takend taking on the size of the size

way, that's sure. When you remember that episode of the Aubornatic Dining Table, maybe you will agree with me that I had plenty of cause for wanting to do maybem to Blobs. When I broach! he was feed ten to red DNI ted dece,— ruited, not to apeak of creat series of "Illick" Increases need fort landing appeared in an Arth, IRS story is swripes as ladder only in theseld our many devices of this test are spit to the property of the application, through the series of the application, through the series of the application that he could all the series of the application of the test of the series of the application of the test of the series of the application of the test position of the series of the series of the position of the series of the ser

have . Well, no matter.
Here I was walking by
Hicha' side and listening
to his conversation, bound
for his home to import
another one of his automatte investicus. I was
even offering him one of
may best charara!

"The reason I came to

you are capable of judging a thing objectively. Pew people can. Not one of that group that was

MAZING STORI

with in the night of that indectinate little trends with the Automatic Daing Pails on mid-se. They samply washed their banks of that investion market new. We have a company organized and will took have sour flattory outputs. Artificials will happen with any inventions when it is being tried out. Think what the automatic was little in the contraction of the contraction of the contraction of the posts ago! But I can't cavaline that crawd, and unfortunately they are my best friends,—each least

So Histor talk went on, and by the time we had arrived at his thouse I had promised his the straighthen everything out fee him with his reliative and friends and to persuasis them all the other and friends and to persuasis them all to other and impact his zow favurities, though I had not so yet some it mysulf. Perhaps that will give you onset in a long to the property of convergation. But here yourself the property of the prop

"Looks like an ordinary living room, eh?" asked Hirks.
"Like a more than ordinarily pleasant one, I ahould say." I remited allowing myself to dits onto

"And yet, O'Keefe, this room to as unlike an ordinary room as a heave egg is unlike a gelf bell," said Hoks. "This is room Number One in my Fully Automatic Apartment."

"And how does this room Number One in your

Fully Automatic Apartonni," I said in jocular tone, "differ from any other? Surely you are not trying to kid me into believing that there is anything musual about it?"
"No. I am not trying to kid you," Hicks replied

with riding digalty. "I morely state a fact when I say it is different and that difference controls I say it is different and that difference controls as all awayshap, self-arranging. Possibly it has escuped the other of your actual mind," he centimed in a time slightly imped with irroy, "that there is a push botton board near this doer," With other is a push botton disported on the "Dentity also," Hilds west on, "you have not notice several other peach of the state of the self-arranging the state of the self-arranging t

dentify but a must of its own, housies considerable good, Seasons without one visible holy, it heatily speed, Seasons without one visible and retard of the properties of the large read, never side and retard in way, harping in a surfiely largingly line. Before we provide any time and the straight line. Before we provide allow the best with allow the best with allow the best with allow the work allow the best with ill never praced the claim. I would provide a surfiely reside the claim. I would be suffered to the provide and a pair, and the earth was not given and provide and a pair, and the earth was not furnished and a pair, and the earth was a first of a pair, and the catter mass of furnished and a pair, and the catter mass of furnished and a pair and the catter mass of furnished and a pair and the catter mass of furnished and a pair and the catter mass of furnished and a pair and the catter mass of furnished and a pair and the catter mass of furnished and the catter mass of

awcoper with law attached. This awarper evi-

"How does it strike yeu, old man?" The voice of the inventor seemed to come from afar, so dazed was 1. "Well, I'll be dashed," was all I managed to stut-

ter as I worded the awast off my freshoad. And amin that alkabitacy down, augmentum-anticled amin that alkabitacy down, augmentum-anticled 45 H at any mail it had completed its work and evertually a second of the second of which it had appeared, sowing ears, the markles which it had appeared, sowing ears, the markles which it had appeared, sowing ears, the markles of the second of the second of the second familiers, and those prices which had last swood familiers, and those prices which had last swood and the suffer sows was agree metally arranged. The investor struck as much and it is demonstratually the cultier sows was agree metally arranged. The investor struck as much and it is demonstra-

My voice came back to me. "Hicks," I said, "I den't know what to tell you. You have handed me the surprise of my life. When you mentioned that artematic apartment, ..."
"Take yourself, my boy," slaridly striked Ricky.

There was described to you the Administration of the Conference of

next surprise. We entered the Enther, which was spaces and beautifully arranged, with cheerful cities decorating the walls and celling. I looked around me. Everything was there that should be found in a well appointed kitchen. The slick was of percelain, but I could see at once that there was more to it than fust a sink. My cause. tioning glance was interrupted by Hicke' watchful eye.

"An Automatic Dish-Washing Device, of course," the explained. "But more than that: an Automatic Dish Conveyor. Anything set down on this end-

Dish Conveyor. Amything set down on this endless bit is immediately conveyed into the dish washer, washed, dried and earried out, and depaited at the opporte end."

He placed overal cupe, vancers, knives and forks and a couple of large pans on what leoked like a

white-nameled mat. Above the sink was a push Setton. He pressed it. Instally the Sidnes neved at a rapid pase toward a long host-like object upon one and of the Sidn. A rated on the conveyor opered when the door closed. I heard the spinsting of water, which continued for fully a minute. Suddenly the solds ceased, there was a click, and the array of dishes component on the elber side of the

neath a chass-cupboard.
"I did not so far provide anything to distribute the dishes on the shelf," half apologetically said the inventor. "But for the present this will have

inventor. "But for the to do." "But, Hicks--" I said.

W. ELL, let us you on to seemsthing between Wing." In inventor, seemingly ignories up interruptsen, asid in a tone of one bond with the thristication of everylay existence. "As I said be fore, this is a Fully Automatic Apartment. That means it though its own work. Too only do the attractive part of housekowing. You do not done, you said not done, you said not obtain break now you do not done, you wash no distinct part of housekowing. The said of the property of the said of the property of the said of the partnership of the overlooping that it investigates the central lides was

in developing this invasions the electron look was that designey this to picce in this scheme of life of the modern man or weens. By they was to be able to this late droughery out of life,—and I believe this late droughery out of life,—and I was to be able to the late droughery out of life,—and I was to be able to the late of life, but it is not one of ave.

"Now look at this celling, for instance," said

Hills, somethy measure of my autoculturally interest of the property of the pr

the way to clean the float? What, O'Koofe, would be the way?
"Well, what would be more natural than to have the float and perfected, by it should of waiting the float of the control of the had not been control. I wait to shift it that he had not there. "Well, anywell, where control of the c

apology for my rudeness in the morning, Hisks

to deministration. The line ways research of his properties of the line ways research of his properties with proceeding outside proceeding content of the line when you desired, and their is that the fore year or when you extend and their is that the fore his holder in the line with line with the line with line with the line with lin

inch high, utill the while force was unknown.

The state of the state

I beload and saw. I was feeling a little feelos, and I remember wondering if I had not had some of sometody's homolesses that meeting, for I was having a quoor feeling in my head. The suprematic electric plantiness was too much for an ordinary man. I told Holes so. "I have some other features here which I wanted

to show you," and littles, "that it is not homeous to so well that you see them when the company are assembled, You have seen enough, my loy, I think, to helder so now when I tell you that I have assembling out of the coffinary, something unique and something to which the world will be growferd in the years to come when by its means the drolleary Orkards, will you arrange that things fee to me with my—er, forense—triandly.

That was, unelses question. In the first shee,

I had already promised him, and header, after what I had men I would have arranged for the King of Iceland to come and see ft. Why, it was wonderful, mervelous, hig—to think of such on site. And the way he had it figured out—presture per square lath—cubic fiet per second—you know I know sething about them. I teld like I would in the immediately go and set these friends.

T was the following Tuesday that they were all "Wed, now," interpreted frying, "to you think, like, that all that modulary is griday to work?"

T was the following Tuesday that they were all assembles! I will had a history expected when Smith, the first one I tried, flarer mu out of managed to courtless even the property of the managed to courtless even thin by ignoring his breath attack, and he was present. So was Histor untel Jeromith, locking an sour as ever, and we and there were backer, brotocome Dinker and list and there were backer, brotocome Dinker and its waxed beyond murn youth, with glasses, a gointed rea rose in a plan fano, and optimized Dinker was the rose in the plan fano, and optimized for the rose in its plan fano, and optimized for the rose in its plan fano, and optimized for the rose in its plan fano, and optimized for the rose in its plan fano, and optimized for the rose in its plan fano, and optimized for the rose in its plan fano, and optimized for the rose in its plan fano, and optimized for the rose in its plan fano, and optimized for the rose in its plan fano, and optimized for the rose in th

inventor was talking-as usual.

"This is consisting will now is you, my don't Oxford," Miss was soften. "This is the Assistor, that trap does draw, revealing, as you trop, a fort read with a is remember, as you will not be the control of the from the floor. If now, Perfection," Illicia soil, from the floor. If now, Perfection," Illicia soil, will be kind used, by place you fort upon this real, you will all ass that first this publish surtage to the control of the

We worked and we gave a look like arm, language at the basic work, desired a small-effect, almost accommodate that gold and the proclamary. But the arms and the same and the

was released. Everybody nurmered his automizment.
"How ever do those brushes get any blacking?" suiced the practical Mrs. Smith.
"A very natural question, Madam, and one which is very pertinent," responded the investor

"The solution is an adoptive part and farmer as passing our, each brush must goes ever a will upon which blocking is distributed by another oul in very much the same way that the link is distributed in a printing press. So that part of the Immution," he added midestly, "cannot be termed my own."

I think it's murryslozis," Mrs. Smith registed "With now," interpreted berine, "the year thinks, the like monilaries is moint to work lattle them, but he is monilaries in moint to work lattle interactions gut to go wrong? That thing that hold the Prochesor's feet down, for instance. You say it den't lat go for three ministens. But constitute might happen and year inglish want to go many before then, say in three seconds. Supposing there was a first, then what I am still waiting to see the rest of your questrents, but off-had the result of the second of the seco

an abministion to me. I would have liked to have told Irvine so. Couldn't the follow see how wenderful it all was? But I could have saved myself the werry, for Hicks had the answer ready. "A natural thought, Irvine," he somiled. "When

I said that the arm would not be loose under these minutes, what I meant was, of course, unless it were released before by preceding the release betturn as electric field of after it has been turned co. Three relatives is morely the these required for a perfect shine and to issume the best results. The time-limit device is instalted but morely as an aid to the user, not as its monter.

JEWINE looked a little studeols at the sentimcuplantion. "I may as well take now," and a explanation. "I may as well take now," and a little studeols are studeols as the sentiment of set. I built a special draws which studeols at these and off, and reversing them hondreds of times a set of sentiment of the sentiment of the set of the sentiment of the sentiment of the sentiment of of species. The fifth weaker, the sencept is the owner of species. The fifth weaker, the sencept is done to the sentiment of the sentiment of the sentiment when the sentiment of the sentiment of the sentiment that present operating species which was always as well as ary assets that we work in the street, as it was now, then their little sample of work of the Yul and Andratid. Apparently, greened with a practical data present the sentiment of the sen

He did, and then equend a large been excitainty and producty subdiscuts. "Relaying in behinding, and producty subdiscuts." Relaying in behinding, and another production what is solid follows care. It is a light, since when the contract of the contract of

each time instantly disappearing through the oxil-

Now let us try the floor. I push this switch, and what kappane?* I ratanily there was a sound I did not like. You know I have a sort of sel institut for that kind of thing; I can sort of feel when something is wrong. Something seemed to work with an uncalled dor

Something assured to work with an smalled for force, for these as withouting and prefiling I at the inventor, who had green the edit of the state of the property of the property of the property of the contract of the property of the property of the property of O, why side I knew that experimental atoff hear? And then sudday there was extra. Smallet in streams of valor, which now nit or sever feet high the property of the property of the property of the track of the property of the the property was of thick that are even if the property was no thick that are even if the property was no thick that are even if the property of the property was no thick that are even if the property of the property was no thick that are even if the property of the property was no thick that are even if the property of the property was no thick that are even if the property of the property was no thick that are even if the property of the property was no thick that are even if the property of the p

hardy isok through it. Just then the invente gave a mighty wench on the switchboard and the streams caused. But there were three inshes of water on the floor. "What in the hotel is the matter?" reared Irvine, who was the first to receive his samess. "What is the matter, likela? Are you trying the drown us?"

the matter, linker: Are you trying to drown us? "I accidentally pathed the experimental switch and it refused to kirk off. It doesn't matter? I'i..." stattered Hirks.
"What the devil do you mean, doesn't matter? believed Smith. "Dev't yes occ that you have

beliewed Smith. "Don't you see that you have completely ruined all our dothes? And it deen't mitter! Now of all the . . ."
"I didn't mean it that way, Smith," walled Hicks. "If term on the warm air and we will all be day

in a minute." With fewerish hands be fingered the withboard.
We had all been recovering, and so we recovered and everptody belond at bisself, directed from head to foot, there was a feeling in the air as of a dozen thunderstorms breving and ready to break. Struckling would have to happen to divert these receils from dwelling on their troubles, I thought,

and as I thought, it did. Titleds had found the but, and there was a click, and there was a click, and there was a click, and there was a click and a

see a second of the second of

A FTER a few minutes the dust settled and the habel of sneezes reased. Then a fixed of slorence braids loses. Everyholy was talking Hicks what he thought of him. In his misser, the unhappy investor turned and started to fool with his exitehbard.

"Lead the way out, Hicks, let us yo and never

"Lead the way out, Hicks, let us go and never see you again." served livine. "Dissuiss us instantly, sir," eternly ordered the professor, who had managed to regain as much of his dignity as was possible with a face like a miller and clothes that looked as if they had been through the flour mills.

the four milk.
"The best way is the quickest way out," and
the investee, caper to get rid of his coregany. He
investee, caper to get rid of his coregany.
He
investee has been been been been been dealed.
"It was belief from the outside."
have an electric best on there," he mattered, as his
fugures scapel, another reticulshared,—there were
switchboards, everywhere on the walls, and I had
not wonderlim how he hape thems apart. I was

the professor agreement with dignified step. Jimthen is slighted on one of the woods must and full, landing on the hand, suith his seeds on the footrest of the three shining mealine. I ground, I textucity, the professor's literast and groundy has determined by the professor's literast and groundy has determined behind down be band. Befree our borried grows the stiff revolving broades a ground as if for many the stiff revolving broades a ground as if for many proposed the professor's curr for which as invited as the stuff briefles of their work, his should as As the stuff briefles of their work, his should as

her betrubself aid, but was unable to Birt ble
trebbes tall if this limit is stinked, and use approve
the probability cutt. Immediately the prefeator
the probability cutt. Immediately the prefeator
which be truther stated for rule down to an optical cuttle. Even with the full resistantion of the
truths worked. Justices the full resistantion of the
truths worked. Justices things objectively in a
truth of the control of the cuttle of the cuttle
truths worked. Justices things objectively in a
prefeator's true share life a superpolated likely
truth, while taker paris of the facility ansienty were
professor's non-state life a superpolated likely
truth, while taker paris of the facility ansienty were
injuried, the promote had said. It sewant zero his

to the second of the second of

Why didn't I at least think of that simple thing? But Hicks stood there, pale as chorse, except for the large smears of fuller's earth on his face, fum-

The SHADOW on the SPARK



HEN Dr. Milies Jarris descended the plang plants of the liner Romeric, on his plang plants of the liner and Middeal Congrams at Vienna, in the year 1905, he from J. Jim Craighead, at the pier to meet han the lesied about him, acreewind disappointed, then

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Premail, Jim Craighout at the pier to meet him. He looked about him, sensewhat disappointed, then disconsisted willow over the forest support of the settinged to large a paper hafure hadding a text.

"We more than two weeks he had not seen a peer. We may that two weeks he had not seen a peer. We may then the weeks he had not seen a peer. We was bury with the zotus he had make at the Courses, which he was pidequed to read sheetyafter his return, to the American Medical Association. Hexe, it was with more than evidancy text-

anter me return, to the American Medical Association. Hence, it was with more than orbitancy intraest that he looked at the glaring headlines of the New York fournals, so much more blatant than those employed by the European seess.

One glamo at the first page of the newspaper in-

Our planos at the first page of the novempage informed him why. Jim Craighead had not met him. He shall his eyes for a nonexet to searce himself that he was not invaning.—That he really was bosen that he was not invaning—That he really was bosen ered at Virona. Direct, horrer and unbelof they are alternately for ansatery. It was impossible—However, would not permit such a crime. "Craighead insuch perfunders" read the streams. "Well-known banker dies of shock following operation." Graigbook, it appeared, and sloped while deading for a book, it appeared, and sloped while deading for a

ready in motion—he missed his footing, one loggoring moder the wholes. Arraposition became necessary, statal ktool poisoning having set in. The inquest bad begun that very day. Very little textineary had been taken when the edition Dr. Jarvin was reading wont to press. It was offered a party was reading wont to press, It was offere to clock in the afternoon when he get that the battl, and the destree immediatile resolved to kear what

be might of the remainder of the testimony.

Leaning out the window of the taxi, he called:
"Brive me to the Cercaer's Court, please."

In a few minutes he stood in the court room just

The attending physical was on the witness star completing his regital

completing his recital of the patient's treatment, "New, Dr. Lawson," asked Mr. Belley, a howyer representing an inmarkers company in

yer representing an insurance company in which Craighead held a large policy, "how did you treat your policat? I understand that amputa-

understand that amoutation was necessary as soon as Mr. Craighead reached the hospital."
"That is correct," replied the dactor.
"Were all the usual precentions taken?"
"Oh, yes," said Dottor Lawcon, "I attended to

that myself. The wound was perfectly obstillated.
Then I attached the hazenostate."
"What do you mean by that?" asked Mr. Balley"Mottle object are mad to factor the code of the
"Lettle object are mad to factor the code of the
secured blood weesels. Afferward, they are replaced
by gut which is tied around the blood wessel, gradally bring abserted as healing programso," replied
ally bring abserted as healing programso," replied

"And with all these pressitions, the shock of the operation binds Mr. Cralghead?"
"That is from," assembled Dr. Lawson,
"That will be all for tecky," said Mr. Batley,
"That will be all for tecky," said Mr. Batley,
"Thomarrow. I will want to ask yen a few questions,"

to learning the court room, while the large crowd which had pathered out of curricity to har how one of the wealthiest barriers of the city had set his deating, abovely field out. Dr. Jarvis, seeding the physician of the insurance company, whom he knew well, at the table, joined him as he pocked a short of pagess into a wallet. "What our property is a set of "What do you make of it Paulion," be questioned

"What do you make of it Fulton?" he questioned the doctor.
"So far, we have learned nothing, Jarvin," said Dr. Fulton, slowly. "I knew how close you and Craighead wore. You must feel terribly shocked. It seems clear that the overation killed him. There

It some clear that the operation killed him. There is no ground for supplicion, but we must make some kind of fight before we pay a \$500,000 policy which has been in force only six months. He left a large estate toe, as you probably frome."

Dr. Jarvis went home in a deep, known study.

descent friend. He could not recrosile the thought descent friend. He could not recrosile the thought the could be the second of the could be below to the could be the could be the summer. He and been proversibility tough brightneours with vitality. "Hew had be best that proven inty?" he sucked firmoid! He rocalled their last day topother—the day before he had sailed for Europe. They were playing terms at the country

Dr. Jervis, trying desparately to prevent his rival from souring the last point in a hard-fought genes, swimp down visionally on a high bounding shall sending it back low over the net in what looked like a valley, improachle to handle. But Jim Craigbeid whipped his resourt up in a swift invited and the ball, like a shalt from a gur, sped down the side the ball, like a shalt from a gur, sped down the

"Darm," he cried,
"trinned S to 6 by a men
of fifty and I'm year
justor by ten years. But
yea sure do keep in condition."
"Doe" answered Craire.

"Doc," answered Craighead, "just three months ago, when I took out life insurance policies for \$300,000, the examiner

a drean risks in my condition. I can run a mile at a good pace and do any stants in the gym that a kild can do."
"That's right, Dorter Jarvis," oblined in a young

kid can do."
"That's right, Dorice Jarvis," ohimed in a young man of twenty-twn, who, with a heartiful girl about the same age, had just run up to the clab hease in Craighten's sedan, "he made no go some to keep should of him in a lore area, though he didn't research

DOCTOR JAEVIS recalled that picture now—the great, tawny-baired Craighead towering above his adepted son's head, his arm foodly on his sheet.

HERE is a marker detective story of a different type, which we instrudy recognized in you. It again

AMAZING STORIES der and the youth's arm about the girl's waist. The In no way could be reconcile his sturdy friend's

two men, apparently happy and smiling, she revealed very regular, white teeth. Ross Craighead was alwas wide shouldered and robust. The girl, although If the beautiful girt and the handsome youth

died when he was a few years old. The hand hetive soul, of the artistic type, against which charfight. The hey could not be hardened.

At college he was all for humanities, classics, science, logic, but close calculation in business had attracted him-he was good material for the teams, especially in bawhall and swimming. Just was secretary to Creerhead's manager. Her efficiency was due to the fact that she took every instruction seriously and oboved implicitly. She be-Craighood was inclined to discourage the inti-Rose began to orind expectly at tasks Jim knew Sability then an assot. She was an orphan, that

educated, a lady in all her actions, so that Jim soon grew as fond of her as Ross. This, then, was the circle which had been broken up by a tragedy so nunecessary in Dr. Asrvir's mind as to be heart-Like all healthy men-men who have never full an ache or a pain, Jim was virtually a baby when some slight cut or other wound came in a tennis or taking morphine. Jim had said, rather shame-

"H's not a habit, Milt, but I just can't stand pain. This last day he had seen Craigboad, the recol-

"Jim, old man. Pil be missing you," said the doc-"We'll be waiting at the pier when you come back,

Milt, twice as famous as you are now," was Jim's That was like him. He had helped Doctor Jarvis ing him and retaining in his successes. He was fact that Jim Craighead was dead,

would kill him. His analysis was searching. Nothing in his experience was overlooked. He was phy. His science was modern—the latest researches were commonplaces to him. But facts were what he of Inspector Crawm at headquarters. They were testimony in triels in which the inspector was fa-

"Inspector," bersa Dr. Jarvis, "what do you know of this Creighted inquest?" "Well, Doc," replied the inspector, actiling his buge frame back in a espacious chair, so he wringrims involved. This is such a clear case of a man dying from the shock of an operation that the police have no more interest in it than the nobile. Of course Craighead was a big man. I knew him well myself. He used to atom here to nick me un some times, so I got to know what an impatient chap he was. He told me that he'd sprint for a car, whenever he had to ride on a street ear, like any kid of seventeen. The insurance company would grab at anything suspicious but nothing has come up.

We all know the story. Craighead got too cocks in his application shifting and was ree cours. It was mucky and rainy, so what followed was almost inexitable. Tough on the insurance companies, though Dee Lawson seems positive that it was the shock of "That is just why I den't feel satisfied," said Dr. was all they knew of her history. But she was will soon, but very apt to make up his mind what killed his netient. The more you might show him the probability of some other cause, the more stabbornly be woold believe in his own theory." "There are quite a few of us like that, Doc,"

smiled the inspector. "But, you knew the whole family. In there anyone who could profit by Craig-"Well, there is Ross, Jim's adopted son and his nephew. But he had all the money he needed-he was in the business with Jim. Then, foe, Jim made no secret of the fact that his fortune was to en to Ross. So I think that Ross is out of the question, for they were devoted to each other. Ross is the idealistic type—he would be more apt to give money

away than tey to get it by murder." "Who else is there?" exerted the imprestor, indifferently, for he could see no mystery in Craighead's

"Then," continued the doctor, "there is the girl to whom Boss in engaged, a perfectly inneged createry who simply adored Jim-he treated her as if she

were already his denshter-in-law. She is an erphon. Totale Prettyman." "Tessie Prettyman!" emloded Inspector Craven.

"Good Lord, Doctor Jarvis, do you know who Tennis "No, she has no family that we know of, but she "WELL," said the inspector, bouncing from his be connected with any smurriing operations. Our

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Picey Bill yery well. Some of them think she is his izen. I sen willing to be suspicious about Craighand's This revelation grated on Dr. Jarvis. He did not

bead and the "sweetle" of a notorious criminal. "Expecter," be said finally, "have you time to go up to the bespital with me? The records or the

"Time, time," roared Craver, "this is official business now. What we have to learn is how Piggy Crairhead's son. First thing, we'll so to the hos-

to be infatuated with Tessie." In the inspector's hig our it was a short trip to the hospital. The records told them nothing new, have to say would be developed at the inquest. But

for the fact, and fealy anyelled, that Pierr Bill was would have remained assisted in his hig chair, serenaly puffing on his pipe. "Dot," said the inspector, suddenly, "let's talk to

the head nurse first, then we can look up the young man and Testie." "Miss Cornbill," asked the Doctor, when the head purse appeared, "did you see Mr. Craightad when

"Of course," replied the nurse. "How did Mr. Craighead seem to you?" he queried "Dector Jarvis," the nurse said, "Mr. Craighead was very badly hurt. He was not a natical aufferer -he stood the pain irritably and was relieved when

it became necessary to etherize him. He saked the doctor to give him a hypodermic a couple of times, "That was like Jim," murmured Doctor Jarvis. "Bat," continued the nurse, "he should not have

died from the correction under normal conditions. Of course his mental condition was very bad. He was a very bandsome man, in fine physical condition and he mesped, time after time, "I had as lied "When Mr. Craightad was taken home, Miss

Cornhill," asked the doctor, "did one of your purses "No air" was the reely "Mr Craicheal insisted with him-anyone abe, he was sure, would irritate "Those was were bindly Miss Combill" said the "Well, inspector," began Doctor Jarvis, when they

Doctor, and they left the hospital

pretty girl check our investigation until we know "Immertor," resided the Doctor, with a hard effect in his eye. "as long as there is any c. abt as to how to express my opinion that neither of those two face. Dr. Lawson has certified that Jim Craighead died of natural curses. That prevents any kind of action until the inquest reveals something of a sus-

that there is or is not a crime."

were scaled in the car, "we didn't get very far at oness it may as well end where it is." "See here, Doc," said the inspector, gripping Doc-

to some unnatural factor in Jim's death before the "That's true enough," replied Craven, "and we on him. You he at the impact bright and early and keep your eyes and ears wide open. I will find

out when Tessis want to see Piggy Bill last and The invector left Dector Jarvis at his deer, a prey to mean conflicting erections. He had started stopped. But he did not want to leave Ross open to an insidious attack. His efforts to communicate with him, however, were unavailing. After a

a plance, a shave, and then having dressed bimself emotions, went to the Coroner's court. It had just council with Dr. Lawren on the stand "Now Doctor," began Mr. Balley, representing the insurance company, "you were describing, ventur-

day, the nature of Mr. Craighead's injuries. You you tell the occomer and the jury what you mean "Why, yes," answered Dr. Lowson, "to use layman language, husmostate are little clips which are applied to the ends of all the severed blood vaniels

when we amputate, thus desing them so tightly that no fereign or toxic substances can find their Dr. Jarvis leaned over to the physician of the insurance company whispering, "Fulton, why doesn't your lawyer ask him bow the shock of the operation or blood poison could kill him, if the

hasmostata were properly applied?" Dr. Fulton communicated this message to the lawyer who immediately shot this operation at Dr.

"Dr. Lawson, if the hasmostate were properly arolled, how do you suppose the notecnous robstances got into the wound, if the wound was sterile,

as we prist notine it to have been after the overn-"Well, one way, which I assume to have been the

true way, is that the poisons made their way through the wall calls of the blood vesich-the arteries, veins and capillaries," replied Dr. Lawson. At this reply, Dr. Jarves shut has loos very grandy. at this mument, Inspector Craven slisped into the "Doc," he murmured, in a low tone, "we are on the truck of semething-Tessie visited Piggy Rell twice. the day before Craighead died. He's a had egg, handed except this parcotic deal. He's bad, though,

ted enough for anything. Now, here's another funny thing about Piggy. He's an educated rogue, How does that fit in with your story now?"

where we are heading, but that last remark of Doctor Lawson's above me that Jim did not die of the cause his death. With a few more facts, I think I can clear this mystery. I'm half tempted to take a

the inspector. "If we have to make any arrests, we "Doctor Lawson has just made a had break," said Dr. Jarris, "which makes it easy to show him up. sithough I hate to discredit him. He really is a good surgeon, but he's not modern enough. We

He then scribbled on a piece of paper, "Ask who In a few seconds the bower asked: Dr. Lawson, Mr. Craighead was in theres of a

"He was in good hands, Mr. Bailey," said Dr. Miss Tessie Prettyman, of whom he seemed to be "In Mins Prottyman here?" queried the lawrer, "She is sitting just back of you." "That will be all for the present, thank you, don-

"M ISS PRETTYMAN, will you take the stand!"
asked the coroner. Both Dr. Jarvis and the inspector looked keenly at She was tall, well formed, with a wealth of blond heir which approunded a very beautiful expressive

"You nursed Mr. Craighead during his last illness did you not, Miss Prottyman?" asked the lawver. "Ross and I took turns, and sometimes both of us sat with him tegether," said the girl. "He grew

"Sometimes I did and sometimes it was Poss"

said the girl in a low voice, in which a slight eatch "Gad. Dor," snapped the inspector, "where is this young chap? If he knows anything we can sweat

both him and Teasie."

"One look at him capht to satisfy yea." They looked at the tall, well dressed youthchap, yet now with his lips tightly compressed, evi-"Miss Protymen," queried the lawyer, who so yet "how did Mr. Craushead die? Describe his symp. "I can hardly tell you that," snawered the girl without hexitation, "Ross would be down for awhile

"There he is, three seats over," replied Dr. Jarvin

AMAZING STORIES

in the adjoining room, with the door open, whenever Mr. Craighead dozed off late at stoke. Mr. Craughead died very suddenly, for I ran in a very danger. Ross of course new him die het modd tell me nothing about it. He said it was too awful." "Now is the time, Doc," said the Sespector, all his ictactive instincts aroused, "We'll see what the "Walt notil you have the whole story," advised can see how doep in the affection of Piggy Bill's In the girl, the importor, looking for important

> sible accomplice of Piggy Bill Hovey in some foul "Swear Ross Craighead," said the corener, who did not know whether he was to be bored with a let of leaurance statistics or was to face a drama net The buss of conversation in the courtroom ceased tion the inquest was tending. Even to the common this long rehearsal of symptoms without any avowed nurses seemed unpersonally delayed. Impectes

> Craven's presence pureled him. He did not especially relish having the police oversee his conduct of an increst. He saind rather curtly that the "Mr. Craighead," began the hawyer, "were you with your father in his last hours?" "Did you purchase the medicines administered to him?" "No, sir," was the reply. "He was very quarulous if I left his side. When I deced off, he often called

me just to talk. He felt the loss of his activity so much it was pitiful. Miss Preityman, who loved him almost as much as I did, for we were always together, mour minded going out for whatever he wanted, day or night." "I should say not," multered the invastor origin

"Now," pursued the lawyer, obedient to the doc-

some understanding of the exact cause of your father's death."

"Woll," answered Ross, wearily, 'he insisted on taking opintes; he knew hew to take a hypoderesis hans. He was not a drug addict, but he often said poison could travel so fact. The night he died he

that he would take saything to drown pain. It happened like a flush. I did not know that bleed for he often took a glass of milk in that fashion. I not have slept more than a quarter of an hour when rushed into his room to see him broathing his last bottles of medicine. But what a terrible sight

would lie down for a moment or two. He took a

aught even call for help he had a correlater and fied. I called Dr. Lawson. It occured an eternity before he answered. Miss Prettymen had heard my cries and she was with me. Dr. Lewson asked if he had taken anything besides the medicine he dermic and some other quiste.

"The honeless fool" he reled "I wount him against that your thing. He providedly killed him-

When he reached the house, he said it was too "Did you look at the bottles on the floor?" asked

"Yes, sin " replied Boss, "They were all through together in a broken heap—they had been on a small have overturned them. Oh, it was terrible, terrible."

"Inspector," said Dr. Jarvis, "that young man was must find our where that streebning come from

The inspector followed his gaze to where Tesale soi. She was obviously horror stricken. A look

Impector. His beart asok as he caught that leek EVERY actor in the drame was apparently in

his mind, cay recen than in that of the inspertor. to sak Mr. Bulley to not me so the stand. I san exactly how the affair was managed, but I haven't the allebtest idea of who planned or excepted Ht.

any hand in it, they will talk better than if they were subjected to the third degree. I am talking

buseways. That a not of some svil omen was wearnature, however, was a mostery to him. Yet when friend of his forter fother and as he throught, since that sure, even voice, which seemed to brook no dynamic figure. The dector was a tall, siender man.

"I would like you to bear patiently with what

you like, when I have not been sufficiently clear, for whatever augustions was may care to rest. "Singularly enough, the mysterious death of the

through a remarkable assentific discovery which I must rehearne briefly. It is the relative size of the amalicat hadren known to arisense. The structure of the atom has been analyzed. The store in the depths. The alexants which arrive tota the atom have no existence apart from the atom. The atom is the smallest posticio of matter which can enter into the structure of the molecule. But it is not in destructible. It has been broken up into its ele

ments. These consist of outer circulatory electrons

or gusteen composed of modifically observed produce

are in constant motion within the atom revolving

athletic and erect in appearance, with a firm, in-Dr. Jarrie was sworn. He was then examined on his various degrees, his experience, his adorothand other studies. Mr. Bailey, instead of asking a

are improved The model is soluble. To him time his mind. It did not occur to him that he might be suspected of number. Still less did he converse that savore would accuse of complicity in a mur-

ment. Teasin half rose to her feet, but an officer forced her back into her chair. She realized then, that are was in custody. She had indeed, divined be-Ross dully watched the progress of events thinking

The pursued rarely are ignorant that they are

ness. His testimony may clear un some of our dif-

one leave the court room until be gove the signal. There might be others," he reflected, "we who Dr. Jarvis now stepped to the table where counsel and dectors sat. After a few whispered words, "Mr. Coroner." he said. "one of our most promi-

of residen year when I am through it will be wore affair to bring the guilty person to justice."

"H'm." mused the inspector a second, as if in

nent physicians, an acknowledged authority and

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about the nucleus much as the planets revolve about the sun.
"Now this discovery led to the recommenda-

"Now, this discovery led to the measurements of these tiny particles. Science wanted to learn more about the relative masses of aboves and noncules. The electron is about one thousandth the volume of the hydrogen steen. Do not think this is all a pedantic discussion. You will see in a very

few moments how very pencifical it all is.

"The atom," centimed Br. Javvis, "is invisible under the most powerful microscope. The molecule is larger, but defer the microscope. The molecule is larger, but defer the microscope. The molecule, having pone thus far, science had to go further. The most larger mass after this molecule, is the cellidd. A colledd is a formless substance classified as a stime. If mover taken a definite form like

as a sime. It never takes a definite form like the crystallins substances. Solutions of gold can be made in the two forms—there is a collected gold and a crystalline gold."

A book of stupefaction was on the faces of the inspector, the coroner and all that vast throug in the centroom. Yet a pin could have been beard, had it dropped during that tens tilener. Back of these mystic words an exigma ky. That the dooter would clear it up, his easy self assurance scemed to

"Born the colloid practically boffees the microcope. In the cordinary attempteer, merely cloudy impressions can be obtained. How then is the presence of any of these time particles discovered? It is very simple, when the method is disclosed. The could attend he tend, but it may be been been to be a collected on the control of a collid discovery of a collid discovery of a collid discovery it."

spark betryll it."
"Thröm me, Doctor, for interrupting you," becker
in the heardlivend Mr. Balley, "For if this discussion
in the heardlivend Mr. Balley, "For if this discussion
would mike to how, if these particles you are talking about, are so small that they sannot be seen
with the strongest inferenceps, how if hulps you any
to know they make a shadow on an electric spark,
in fact, how do you know they make a shadow on

cc_YOU may have read at times, Mr. Balloy," replied the dector, "amounterment that astrememers had bested a star known through multiematical calculations to be at some point in the threads, which is the star of the star of the star properties of the star of the OO utilities a second, helps us. A photograph of the beaves will scentiline reveal something which the eye could not see. So, a photographic plate will consultant star of the star of the star of the star of the star tensities catched the star for porticine as will as the

largest atars, too far away to be asen. "If you consider the light a moving is wown it in easier to understand what effect light waves have on these discoveries. Artificial light travels in wave farther apart than in the cone of natural light. The waves of this kind of light are a for apart that the colleid or small microbe can lie between the waves and make no lightereds no the spart that the wave and make in the imprecision on the age or on the photo-and make no lighterical most of the colleid or application." The doorte been took a thest of paper and handly made a steeth which he showed

"The waves of natural light are closer together, but still too far apart to eatch much of the small-est germs, like that of causer, or the celleid, to advantage." The dector made another stouch.

Natural light waves:

"In natural light, under the microscope, it is at times possible to jet a hary largeside what covery bittle information. But it has been found persible to use the ultra-violet waves which are shorted than natural light waves has a vacuum and thus to get a photograph of particles too short to be cought in certainary light. Here the dotter made

MMM

Thus a abeliev thereon on a speck of an attraviolet my in a securat will be recorded on a photorist of the pleasurement. The discovery of the Ecquere Rey, this X-rays and the various reasted on the remodelege of the thinsit particles. Compared with electrons, atoms and molecules, the calsied is evidence.

"A placegraph would show the presence of a colled without great difficulty. Now, what is the relation of the colled to the problem we are trytered to the colled to the problem we are tryinger both were mathered by necessity. Surgery had to be not only quick but effective. While what it known as he abode of an openitum is due to the collection of the collection of the colkerom as the of pieces. It is definitely the shoot of the openitum in the world wer it was learned that the shock of the openitum was due to the contrast of the collection of the collection of the contrast of the collection o

family. "It was closered that if the harmonists were remersed from a wonderf member, which had have a more from a wonderfor member, which had have a noticeable. This left a the excellention that the harmonists kept out scoretistic which could eather the three members of the could eather the could be county hereof a perclaiment filter the solide for except hereof a perclaiment filter the solider for except hereof as perclaiment filter the solider for except hereof as perclaiment filter the solider for except hereof as the solider for except hereof as the solider for except hereof and the solider

"So, if a wound is made perfectly stells and monomats are used to seal the wound bermetically, the colled pisters are excluded and, as they could not peartries as satingal membrans, the coaling of the wound effectually prevents the condition known as shock which to often in the fatal years of an occuration. The tirry collect, first known by

its shadow on a spark, cannot enter the blood spector was unmoved by this demonstration. Be atreen if the wound of amountains is sailed, was calculating the girl must move. Either she

and capillaries greated a compact and effective bearier to the passage of the colidad poisons which cause death. Can you see now where we have acrived? Dr. Lesson has said that Mr. Craighead's death was due to peisons which scoped in through the wall cells of the blood vescels. But in the sangend perhaps thresome explanation? I have absent this to be impossible. Jim Craighead did act dietics are suppossed to the contraction of the col-

and perhaps thresome explanation I have absent this to be impossible. Jim Conglessed did not dis the first property of the control of the conting the control of the control of the control of the point of amputation. "If it was impossible for infection to have surfaced at the point of amputation." If the control of the conflict it was impossible there, it was impossible classifiers. So, if Jim Conglessed did not did of the points, for it would not have acted on a ten of

shock, he died of scontibling size. It was not blood poison, for it would not have seted on a man of Cardykead's attracts and perfect health, in so poison nor to shock. Of what, thru, did he die? Symromo bell us clearly enough. Cestabead's nor describes in uncefunical larguage, symptoms which point atmest uncertainty to the fast that Creighted died of poison administeried to him.

Crain/stend died of poisses codeminatered to air.
That potent, a sowert was stephenise."
Had a thunderboth destroyed the cupia on anarby unifieign and emost if to creath in on them,
or had a key reshed in crying that a tidal was
not have been praise. The girl was created.
Was it guilt that could be read in her terrified featured. The coronar's inra, which a few minutes
tured. The coronar's inra, which a few minutes

trees? The coronary jury, which a few mixtues constructed to the construction of the construction of dath the to all operation, was new anxious to recommend the arrest of a number of the court of the

I room was times—so whitpers herbe the silkents, but yees moved restleasly to the actors in the drawns. The girl under guard, almost terror stricken, looked across beenechingly at her layer. The youth returned her gues, notding encounagingly. Every word apoken by the doctor hald burned his could list steady, calm exterior encouraged the girl and

This eminous allence was broken by the coroner.

The Jarvis, "he said, "the fact of polyoring can readily be established by an astope. If it reveals, as you assert, the presence of polyon, arrests must follow,"

"Yee, if after the autoput, you find the putily washe, below warrand would be "cried the increase.

follows."
"Yee, if after the autopow, you find the guilty case
who, being watned, would floo," cried the inspector,
whe had followed the conclusions of Dr. Jarvis and
decided upon his course of action. "While you
are looking for proach which you are certain to
fad, if Dr. Jarvis is not mistaken, and be does not
talk like a man who is mistaken, a will take the pre-

are looking for proach which you are certain to fad, if Dr. Jarrich is not initiating, and be does to talk file a man who is initiation; I will take the precounties of arcetting Roso Cenderial, on the charge of poissuing or being an accessory to the poissulary of the contract of the property of the poissulary of the contract of the property of the "What a foul list" cried the public instantoward the inspector, with when he would have grappled like a wild beart, had not the public interceded. After a violent struggle he was manacled soon that he poigld threaten on more harm. The issubtant when the girth voice could be based show the tunnel. Terror and dissays simpled in the cer. "Bhe rase to her fast and began to speed, An efchange of the country of the country of the charlest of the country of the country of the "Whatever you say, Tossis, will be used against "Whatever you say, Tossis, will be used against and agains? Penhung you had better talk to a leasy-off." "No, re," whe red willey," "Will the you entrything I know. I did not understand what it and it is the country of the country of the country of the property of the country of the country of the I still shall it is to her tills. The law you access,

would remain colm, as might be expected of Piggy Bull's "excepts," or she would try to save Ross. His

Best—you do not know hun. He conject kill a realist. He would run his cer of a beight to keep from hitting a stray cat. He nearly weeked to the realist has been been been been been for the most as the classed. But I away committed to real his large has a subsequent to the conference on the late the classed. But I away has been a Slowly the moved to the witness but, where she that the subsequent has a been been been all the first you know in our most for our set of the hard good of the Companion with Mr. Compalation of the Companion with Mr. Companion with Mr.

drugs which Mr. Cruighead nashed. All the precriptions were like by the Groves pharmory. These were two or three for digitalls and one or recription which I must describe. The day before Mr. Craighead died I went to the prison to see Bill The Craighead died I went to the prison to see Bill The Craighead died I went to the prison to see Bill The Mr. Date, the contract of the Craighead died in the contract of the Craighead died in the conlection when the had taken a daily. The lawyer two was black car. The sixty was the sewords. In far lawboard was the contract the law player to see this Bill "Mee many times dod you go to see this Bill

"Row many times del you go to see this Bill Hewy?"
Hewy?"
Hewy?"
Heyy?
"Bill Howey, in the parlance of the underwetel,
is your 'sweetle,' is he not?" pursued the lawyer.
"You filthy one,' burnt from Rose, who tried un"You filthy one,' burnt from Rose, who tried un"You filthy guarde. But the impactor turned and
see of his guarde. But the impactor turned and

"You inter beat" total room loos, who treat the available to break his manades.
"You'll be gazzed, if you don't keep quist," end one of his guarde. But he impector turned and matches of ser silmon.
"Er, Bally," in Every is, a man who, I have barroot listly, his committed many wrong, but he has the first barroom was not and I as more roots.

never was my 'sweetle,' as you call him, since you are so well acquainted with the underweeld; he is my stepfather."

There was a morman of approved from the speciations, who obviously did not like the way the examination was conducted. Inspector Graven hance

toward Dr. Jarvin,

"Did Mr. Crairbool and Ross Crairbood know that your stepfather was in prison?" asked Mr. "When Boss Craighead first soked use to dinner at their home," answered Tessle, "I knew that he was abowing me serious attention. After dinner, I

We're only setting started. How about

could talk to him more freely than was possible in the office; I told him that my stepfather was a drug addlet and in prison for having drugs; that he was un educated man, but of no account, and that he always had plenty of money, although we never knew him to work Still be never was mean All this I told Mr. Craighead, thurking him for his kindness. Then I intended to leave. But he and Ross refused to let me go at all. They said it was had except to have the father's sine visited on the

PROMPTED by the Inspector, Mr. Balley contimord his question "Why," he saked, "did you go to see Bill Hovey the day before Mr. Craighead died?" "I should not have gone at all," reglied Tessie, of Mr. Craightend had not requested it. He sent me

children, too,"

gist refused to fill it. He knew Dr. Lawson had forbidden it and was afraid. Then the pain get "Teenie," he said, 'do you mind going to that no normant stonfather of yours? Ask him if he

fellows always know where it is to be had. Just my that you want to do me a good turn-that I am "I soked Ross what to do. He said, I don't like it at all, but he never uses it unfren he is suffering. so I grees it will be all right to burner him. He is always brooding over the less of his foot, so a few hours of freedem from pain may do bim good.

tennis rates, two years ago. I thought he would go mad. He just drugged himself all the time to deaden the pain. The dorter said he took enough to hill a horne. I often feared he might get the "No. I went to see Bill Hovey at the petson. He seemed glad to see me and told me what an injustire had been done him. He said he felt sure he

"Testio, I could fix everything up if I had \$10,000. You could get it, too, to help your father out of trouble." "'How could I get such a sum?' I asked

"If that is the proce of asking you a fame. Bill Hovey,' I enewered, 'I may as well go,' "He changed, then-tried to seeths me-said he what he had said. Then I asked him where I could get some mornhine. I told him how Mr. Craighead

accord to help him. I didn't want to tell Bill anything that might encourage him to try to get money Crafebeed wanted us to wait until Ross was well on in the haviness become Ross was to sucseed him. He wanted him to learn the 'rones,' from "Teaxis," he said finally, 'Til do this for you

min and is known as a mydriatic. But it has other properties, too. Do you know anything about 1850 "'No,' I answered, 'I never studied much

chemistry. "Bill wrote same words hastily. He said it was a prescription which I was to take to a slare near The moment the girl mentioned "Terrytown,"

from their seats, one moving toward the door, the other to a corner of the corridor where there was a telephone booth. But the inspector, who bad followed the cirl's story with the utmost attention. was watching every one of the speciators in the "Get those two men," he ordered, pointing to the

pair, who tried to force their way along more traicidy. The second man actually entered the telethe operator. An officer posmoed on him before the operator had answered. He struggled mightily, for resistance. His companion reached the door to walk into the arms of another officer.

PANDEMONIUM now referred in the court raim Two reporters rushed to the telephone booths. The police made no exception for the men of the press. For some minutes the confusion was too great for any voice to be heard. Finally the inspector succeeded in making himself heard, his big, beeming tonce deminating the uprest

"Mr. Coroner," he becam, "nothing but the necessity of preventing a crafty secondrel from making

furiadiction. I sm an officer aworn to uphold the dignity of your court as well as that of any other judge or official. But I knew, if there was a grain could got out if he had money enough to pay the howers. After he got out be intended to go off of troth in the story that young women on the stand was telling, the villain certainly could not be without interest in this inquest. He would not dare

to come himself, nor would be dure to remain lancreat of what might transpire. Some trusted egent must be present." "Will you continue your story, Miss PrettyIn a firmer voce, inspired with the hope that her story was gaining crefence, Teasie resumed her norrative.

"Bill wrote the prescription in words I could not

understand. He selfd it was Latin. I studied a little Latin in school, but not that bind. He called it modical Labus; besides, the writing was very cramped and would have been hard to read even in English. The last part of it I could not make out at all.

"He's an artist," said Bill, thus druggist you will visit—a man of parts, though deformed, yet in his art, a creature of metleulous skill. Funy be is, too, about his prescriptions—he will always have

is, too, about his prescriptions—he will always he them very proper and formal."

"The prescription bore no address.

him.
"On 42nd Street," he said, 'off Broadway, look
for a taxbab, not one of the hig companies—there
is a cost of arms on the drop, with a figure nine
above it. Toll the driver Bill sent you with a pre-

above E. Tell the driver Bill sent you with a preerription. He will take you to the place. It is a long ride, but you need have no fear."
"I went to 42rd Street and Broadway, as Bill

"I went to third Street and Broadway, as IIII had told me, but I save so many care that I thought he had trickted me. None of the ears stood more than a few seconds. While I stood three bewildered, staring at the doors of all the texts, one steeped appeals me. The driver motioned to me and then I notified that the door had a core of arms

and tear in order that the close has a force of a time and tear in order to the control of the c

for estates, and several towars, all new to me, for both enver been so far on that read before. Set tild notice that we never turned until me had source flavored flavored merchants and the several many have been a few miles—the driver look a turn to the left toward the river, and the estate that a woods. It looked like part of some bit estate that the contract of the contract of the second merchants are not so when a several to love time. We see a reversal to love time. We seek a several to love time. We seek a several to love time. We seek a several to love time.

feates were bestern and it bested quite sections. We have a considerable of the best points of the best poin

still I said nothing as my stepfather had directed.

"The car stopped and I stopped out. The firter knocked at the door twice, rather shambs. Some one porced through is districtored window had cloud by rickety shutters. In a second or two the door opened, the driver number of few words and we were subsend that a storous room by a mis-

glasse much as you see in the beginks, rolls of bundangs, first all this and instruments. The drispgist was a bundlands, who find an with cervino, the property of the second of the second of the train terrings his load to bit better and glasses as once as I led given it to him. It was easy to cotain to was a shift of problemy by the way be bindied coverything. When his had filled the proceedings of the second of drips with stills or other light? There was a small but, too, highlight receptible? On the bottle was the

GCT_HE driver was weating contrible the boune for A me. It secured good to get out in the six ample. Once in the texticals, the driver booked in among the trees to term around. He driver booked in among the trees to term around. He driver booked along fittenshow until the term to the orbit. In these All this registery so puzzled me that I determined to see Bill audin to bern if the prancipition was properly fitted. Where I are Bill likery i throad him the bottle. There were many bottless in this call, in the prices error plane, He took this bottle and

and it to the light. Then he took a stp of it. Seems to be all right, he and. He wrapped up a bottle, but I know now, that he must have given me a different one. I put if in my peobe. From the prisen I went straight to Mr. Craighead. Room see with him. I said: now with him. I said: the seems of the seems of the seems of the drug? It was all horrible. I wish that you would not take any more of the stuff.

"Mr. Craighend just laughed. Well, little girl,"
be said, "If a man insists on beging liquer, he must
go to rather ugly leeking places to get it—if he

go to rather ugly leoling places to get it—if—if we must have morphine, and the dectors will not get it for him, he must go to even upfer place. But we will messer try that again, tool not not receive the control of the control of

had given me. If I had only known—ch, if I had only known."

Testic gave way to uncontrollable sobbing.

When the had grown acceptant companed, Mr.

When she had grown somewhat composed, N
Ralley saled:
"Could you read the prescription at all?"

"The word, only," replied Testie, "Scopolarion,"

d, "What became of the prescription?"

"There was a file," said Testie, "with a number
of other prescriptions filed upon it; the duegitt put the one Bill bad given me with the other,"

pensed, Tends walked unbindered to where Box out measured. Impactor Craves binnell removed the handoutles from the boy's wrists. He drew the girl to a chair beside him.

girl to a chair beside htm.

"Mr. Coroner," said Inspector Crewen, rising, "I am prepared new to make the extraordinary request which I musticosed before Miss Prettyrasa had

completed her testimony. There is but one way to test her story fairly. Assuming, as I do, that her story is true, she would be placed in jecquardy, if the men who tricked her were allowed to escape. It is possible to trap the druggist, who doubtless, with mind warped by affection, is expande of aiding ashold this session open until I have had time to sible, the author of a diabelical plot, several upexplained murders of the same nort may be salted. But in order that no warning may be given, I

request you to make an order that no one leave this "It is an extraordinary request Inspector Craclear up the young woman's story. Is it possible

possible for him to give her writing without de-"When a man like Rill Hovey is captured, Mr. Coroner," answered the inspector, "he is often given a great deal of apparent freedom in order that he case, that he may betray the hiding place of a lot of dangerous drugs. It was even contemplated to release Hovey and keep him under surseillance, but

be is so allowery a character that the plan was ahandoned as too visky. Two men were detailed to follow the young woman on her visit to Hovey. They were not clever enough for the ich. The taxi driver went three times around the block with the officers two cars behind on his trail. The driver knew it. He drove around the block until he saw the traffic signal about to change. He dashed across the street while the officers warted until the signal was charged again. When they crossed the street the taxi they were following had disappeared. The taxi, as Miss Prettyman has related, did not return

to the city that night. When she returned to the prison, the officers who were supposed to be watching her, were still looking for the taxical, which they learned had turned into Broadway. This incident, however, will result in more stringest rules "WHAT I propose to do is this," continued In-

be has been warned, the druggist will be awaiting news. You men from this room are in costedy There may be others posted here. For that resson our mission will be futile if anyone is permitted

"If I make such an order," said the coroner, "your men will have to enforce it. No matter how you travel you cannot go to Tarrytown and back under

"That is true, Mr. Coroner," said the inspector "yet this is worthy of consideration. In the last four years there have been seven unexplained marders through poisons which cannot be obtained without a prescription. Yet no prescriptions for of them been traced. Here we have two desparate men skilled in toxicology with a supply of danger-

ons substances."

The coroner hesitated no longer. Rising from his enjoin and forbid any person to leave this courtroom until the return of Inspector Craven or until he has advised the Court from Tarrytown, which I require him to do the instant he has accomplished An additional detail of officers had arrived. There were a few marmars against this exercise of autocratic power, yet the murmurs were soft, for there

chair, he pronounced his decre

lying. Others quite veherrently exponed her cause. Obviously the hours would not be dail in the court The girk a picture of abject despair, sat at the

side of her affanced lover, uncertain of a future dawn of boos. Turning to her, the inspector said; "Tessle, you must show the way to the drugglet near Tarrytown. It means freedom and vindication

If we can raid that prescription, it. Ross, I think it is coming out right-as right as it can To this Ress made no raply. He pressed Tessie's hand in farewell, then the trio left the courtroom, hundreds of ourloss even following them. Some women whispered as Tennie passed them:

be remarked to the doctor, took one of his men along as chauffeur. He feared that he would drive too fact for safety. So he said to the officer:

"Tarrytown, Bercolo, at the best you can get out The automobile had a rict car siren, but it is safe egytions, the road was perfectly straight all the way. The car could you at a speed of over sixty. It ran very nearly that the entire distance. As they

the world might be here when this nightmare was over terrified her. The doctor read some of her ber talk pointed out objects along the road-a diffphone and telegraph posts absect resembled a picket fence. She replied in monceyllables. Finally "You mustn't worry so much, my child. What is

"Oh," she cried, gulping to keep down a sob, "if the hunghback has taken alarm and gone away, what "The shack will still be there, won't it? That

These words bewildered the trembling young

"You don't believe, then, that I gave him poison "I would need more recof than we have now." answered Dr. Jurvis To this enigmatic reply there was no response.

"You had better keep your eyes open now for the tance is accurate, we should run much slower." Beronio ran the car more slowly for three miles,

"Just beyond here, I remember, in the cross road, This suteway with the two stone lions at each side,

opened as we passed—a car coming out delayed us for a moment. It should be less than a city block

THE inspector felt almost chearful when, two THE inspector list summet comments and crossed bundred feet further on, another road crossed

"To the left, Beronio," he ordered, "when you come to the trees take the wagon trail and go just

a short distance." Inspector Craven said these words futuously, like a man who has learned a leason in which he has not the first fifty lines and mumbles the words like a

talking doll. They were all unnerved as the final test approached. Mentally, the inspector blamed this. Tessie was in a panie, fearing the escape of

pressed in a firm, atraight, uncompromising line, expressed no doubt whatever. The car stopped Doctor Jarvin was the first to get out. Inspector Craven was at his side in an instant. Beronio opened the crazily hanging gate and yan his car "How far did you go into the woods, Tensie?" naked the inspector

"Possibly four or fee blocks" vertied the cirl. "Beronie, give the doctor your gun," ordered Inspector Crayen. "He may need 2. Lead on Tessie. but go softly." The expoint was coming on, the autumn air was cool and dump in the neglected woods, woody, with

thick undergrowth; it was difficult to think of a house of any sort there. Yet they followed the girl, breathleasly, almost treading on her beels. Five hundred yards they trudged along the winding path when Toools stooped. "Look," she whisnered, pointing to the right.

Both men followed bor glance, socing with relied a diluvidated tenant house, to all appearances unportained save for an almost improventible this line of smoke which was fust visible above the broken edge of the chimney. The door was closed, hat would probably offer no formidable obstacle Shuton the front of the house. They were half closed,

"Dec." whispered the isopector, "I am going to by that sids window, use your gun. If any of Hovey's gang is about, they won't miscs matters." Inspector Craven was himself, now. The house a very faint tinkling. He put his buy shoulder against the door. It was bolted and resisted his first assault. He thought no longer of who might be inside and with a mighty impact, burst the door open. As he almost fell over the threshold, a shot rang out and a twinge in the left shoulder told him it was a good shot. But he fired at the flash which was followed by a cry of pain. He had hit his spensy in the gan arm. There was light enough for edly at the gun which covered him. The instant

"Are you hart, inspector?" asked Jarvin "He winged me in the left shoulder," said Craven grittly. "If I had not stumbled when the door gave for the heart. Pretty lookin' bird, ain't he? In he "Yea," replied the girl, while the dworf looked at A small fire hurned in an open stove. As the

began to examine him to learn the extent of his injury, the hunchback, with a quick movement, grasped a bundle of papers spiked on a file and threw them into the stove. "The prescriptions, the prescriptions!" oried Tea-PORGETTING his wound, the impector leaped

at the hunchhack, felling him to the floor with a beavy blow from the butt of his revolver. He sank to the stove from which he retrieved the sheaf of papers, little the worse from the flames except where the bot coals had singed the edges. The doctor's forcers suffered most from contact with the "Teasie," said the inspector, nursing his wounded

shoulder, "run through those papers. See if you can find anything that looks like the prescription Bill Horry gare yeq." Eagerly enough, now, she lifted one sheet after another from the file. Not far from the top she "This is it," she said, helding it out for Dr. Jarvin to read. His profusional instincts, however, overcame his curiosity.

"Inspector," he cried, comewhat shamefacedly, remoracful for neglect toward a wounded friend, let us have a look at that shoulder first." "but that hird is stirring, to safety first. Take a rair of bandcoffs out of my pocket and man them Dr. Jarris secured the misshapen dwarf, clumsily

to prevent further bleeding. In all this commetter, although he stirred, the man did not regain conprivate He had been dealt a stiff blow. The inspector was not seriously wounded. The

AMAZING STORIES

bellet fixed by the branchests, from a victors little statematic 28 had gran strateful through the chrisdur muccles, severing the smaller blood ussels. It was a matter of a flow minutes to draw the worsd, but Craven was impationt to learn the truth. Had they feared the preception of they had, his wound amitteed bittle. If not, he was a feel, He had made a molecular and a createrial investigation. If

they feared the prescription? If they had, his wound mailtered bithe. If net, he was a foot, He had made a melodrama of a cereary fravetigation. If without cause, he was a rang, With cause, he preserved his self-respect at least. "Doe," he raid, as seen as the bundage was drawn tight and a tourniquet applied, "see what kind of a

fist Piggy Bill writes. If it's the literature the little lady says, 1% bet it against Shakespeare."

Dector Jarvis then spread the paper Tessie had given him on the counter, while Tessic and the inspector leased over his shoulder.

"The first paragraph calls for morphice and rec-"The first paragraph calls for morphice and rec-

plantin," said be. "But scopelorin has no virtue in a surgical case. But wait," he added, "there is more. My God, what infamy!"

For a moment be was speechless, then began read-

ing words incorprehensible to his hearers.
"Morsour et cher nui!" was the salutation, then
case the following words: "Crest kien drefte que le
mot 'scopelamin' et le mot qui exprime l'extrait de
la mote venique out la meme total; il seradi blen

As new vorsique on in maces total, in serial seed downspee of lon precedent l'un pour Rautre."

"What dees it all mean?" asked impostor Craws.

"Weil," asswered the dector, "it is not medical Latin nor any other kind of Latin. It is written in fairly good Preceb, not at all difficial to follow. This is how it reads: "My dear friend: it is very curiess that, the word "scopolamin" and the word

which signifies the extract of mrx vennes have the same number of letters. It would be sed if one mistock the one for the other."

"That was why he told Tessle seepolands would belt Ornighted. It happened to have the same num.

ber of letters the way he spelled it (without the 'e') as strychains. Strychains is an alkabild of fux vortice. He know Tosole was (payrant of Freesh—the rest was easy. But I dge't understand when the boped to gain by it." "What, a hard-boiled guy lite" thut?" shouted the impactor. "Holl, he neefed \$10,000. If Tessis got impactor. "Holl, he neefed \$10,000. If Tessis got

counting on her fear to see that he not enough to pay the lawyer who guaranteed to get him out. Why, this burds awe Touste paying historical for murder the next ten years." Then turning to the girl, he continued:

"Tessie, you have our compliments. I hope feeture will smile on you. This has been a terrible ordeal for a young girl."
"Indeed," solbed the girl, as reaction set in, "I do not care about forpus, yow, How can I live,

"Indeed," solbed the girl, as reaction set in, "I do not care about fortune, now. How can I live, knowing that I belied All my benefactor, the conwho was as much a father to me as my own might have been had be lived."

The declar took the hundle of prescriptions and

with a number of vials containing prohibited drugs, nurcoties and toxic substances, they returned to see, the decider faceing the hidoest looking dwarf to walk beside him. They found his name to be "lived selfy Glerg, from one of the prescriptions. He was busified into the car and the return journey to the metropolis began. At Tarrytows, the Inspective tion were stough orders for floudly poisons, signal priggs ill the priggs ill ill flow, to derm bits many those over. The proof is the Chrishwale new was exerciseing. The proof is the Chrishwale new was exerciseing to the control of the control of the control of their minister. Because for returned to two in series bistruty frashion. When we have the two two in the control of th

D^R, JARVIS followed the inspector. He identified the prescription, and gave its hideous import to vividity that the spectation shouldered. The jury took but a few misutes to render a verbut. As the verifict was announced, a finely dreased woman nurswared suffile;

"What a reportrow inspection! That young man

intherits all his father's wealth, although be helped to hill him."

She was one of Jim Craighead's numerous consins and chaprised that his big estate was beyond her reach. Ease Craightead was too far away to hear her remark, but she heard his reply breathleasty.

her remark, but she beard his reply breathleastly, for he rose to his feet, before the croud, dand hy the rapid turn of sevent. He took bold of Tessiev arm, and stood may the coroner.

"I want to say to you, Mr. Coroner, politicly," he began, to Dr. Jarvis and to Improved crown, that she what has been revealed here body, it is fine to the contribution of the process of the contribution of the contributi

estate. Hit will make Dr. Jary's executor and grows him certain proves of distribution, is ease I, for any reason, do not neceed to the property. Since I, bowever immonably, was, with Touis, the instrument of his death, the sunsay used came to me attained with blood. Yet this trayed has latted me attained with blood. Yet this trayed has latted way. With what we have, we have the city scaled, way. With what we have, we have the city scaled, we whill be married at once. Then we shall po-

best we can, what life has in store for us. If we are free, we will so at once."
"You are free," said the coroner, "All the evidence is now on record."

dense is now on record."

The crowd moved aside to let them pass. As they
moved toward the door, the girl clutched with both
heads, the arm of her partner in crime. Unwilling

The dwarf was zever tried. He was found dead live, in his cell the sext moraling, despite the careful of surface of the prevent his suitable. A small caparite in fifth his mouth showed that he was always perspected for the possibility of capture. Piggy Bill dded mysteriously before any charge was presented against

tre positionity of capture. Prigry Bill sted mystedrousty before any charge was presented against,
s, bins "Suicide," remarked Impactor Craven, "as
whater once asid, is confession."
A year later, Dr. Jarvis received as assessmented
from Syliney, Australia, telling of the borth of "lim
Craidband, Secool." as wooderful, bleed boy.

ethy Chem, from one of the prescriptions. He was Crafebad, Second," "a wonderful, blend boy builded late the ear and the return journey to the healthy and noisy." The dector melled as he remetrepolits began. At Therytowe, the Inspector called that his power of appointment had not been stopped long anough to have a couple of officers again convenient.



HICKS' INVENTIONS WITH A KICK (By HENRY HUGH SIMMONS) (Continued from space 49T)

bling with the button. "It word work," the inventor walled, "Something has gone wrong with the system. I remember row," he added, "I had the hand release takes ort—just taken out experimentally. It's have to put it in agein. . . ." where the system is a system of the system of point made the best of the system of the shrinks of the professor and the walls of the form) company, "when the prefessor has had his female company, "when the prefessor has had his

shrisks of the professor and the wails of the fermals corrupancy, "when the professor has had his face sculped and has been swardered. Go and cut the jurice off, I tell you! Haven't you got enough semes?"

sense?"
The entire company steed assembled around where the professor was having the altine of his life, everyboly suggesting, taking, showing, Smith trief helpfully to pull the professor out by the legs. Residued thriefs of agency made him dealst from his Christian endeavee. I drew my watch. Only one minute was once. Would that fool mover he able to cut off the judge? "I get it?" yulled Holes, as we heard the worth of a bottom.

when the other designation was over, would take from the sale to cut off the just "I get the sale to cut off the just "I get the sale to cut off the just "I get the sale to cut off the sale to cut of the

inventor. "I will, I will, I will; I set I can't. There is something radically wrong here. Something must be wrong, I am sure..... I know semething is wrong?" and he sent into a spasm of working with the switchboard.

the switchboard.

I TOO thought that something must be wrong.

Heavivalls the water was rising at the rate of

about half an inch a second. I feele only a short mutate eleculation to see that within less than a minute it must be above the professor's mouth and there was sell in aminute and a hift for go before the release would set. I price myself or quick thicking in an extraction. For the didn washing machine 1 had extraction that the didn't have been a seller according to the didn't washing machine 1 had a contraction. For the didn't washing machine 1 had a market the seller of the didn't was now half a a foot does, I to think just in time. "Take this in your mouth, professor, and quit your rearing, or you will drown, I incremed in high cars. Some li-

stinst field him I was right and he did as he was good tool. In a few second the water was gover his face, but he was breakfully filteragely the boss, say he face, but he was breakfully filtragely the boss, say he had been a support of the boss of the boss of the was been as the best beyong the deadle. When the bould be yell fordered. "For earth is the parts fester any good and the water is rights. Get only for the waste fester any good and the water is right, or for the parts for the parts for the water. The parts had been a part of the water. The parts of the water for the parts of the parts o

foff the optical rule of value, while the level fits several lovels in the Kilchen to start ridge gails soon after. All of a nution I bard across of the "Robert All of a nution I bard across of the "Robert Folk, and for the robert Folk and the Ro

and the investor were in written attained or per tention in the other and over them are related to the state of the state of the state of the state at they and lorgitude and down in the water. "Since a telley and lorgitude and down in the state of the

then I was the definited line Seater in freed to a real that it was a speed of 1000 K.P.M. If we will be literarilise to so that or spinle or. When the seater is the seater is the seater in the seater is the seater in the seater in the seater in the seater is the seater in the seat

and so was my forehead of every vestige of hirsute advanment, while a little stream of blood slowly trickled down over my nose.



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That I remembered that I was the one who had fixed the high up. I logan to think. Greatern details of severa recent lymchage flashed through my mind. Without two play for my hat, I crept down the stains. At the entrace I looked seround continuity. Then I squared my shoulders and willed sway in the most digitalful measure I could must all the most of the most of the most of the captions which in a sit about have been, for it was not my fault

remance! He would have made them look like nothing

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